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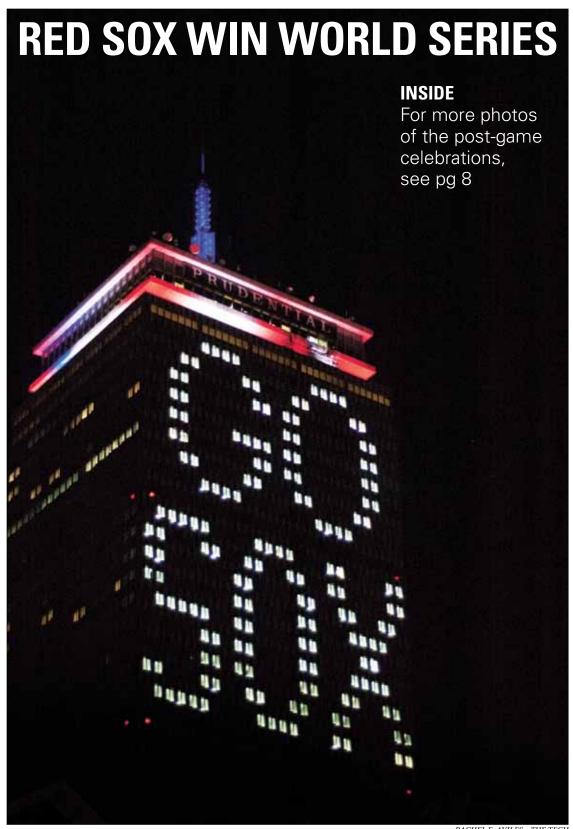


NEATHER, p. 2 SAT: 63°F | 52°F Mostly cloudy

Chance showers

SUN: 49°F | 31°F

Volume 133, Number 50 Friday, November 1, 2013



The Prudential Center displayed support for the Red Sox Wednesday night during Game 6 of the World Series.

Kendall design team assembled

Architecture firms to lead study on Kendall Square development

By Bruno B. F. Faviero NEWS EDITOR

MIT's East Campus Steering Committee has selected the next group in charge of advancing the development of the Kendall Square area. The group will collaborate on a study of the property, which will develop into a long-term strategy for development for the area, and in particular the balancing of meeting

MIT News Office. The two firms leading the urban design team have experience with universities. Mack Scogin Merrill Elam Architects of Atlanta is currently working

commercial, residential, and ac-

ademic needs, according to the

Services Center, the Gates Center for Computer Science and the Hillman Center for Future-Generation Technologies at Carnegie Mellon University, among projects for other universities. The firm will be leading the team in cooperation with Michael Van Valkenburgh Landscape Architects of Cambridge and New York, the same firm that designed Harvard's common spaces and is currently working on developing outdoor spaces at Princeton University.

The team will also include urban planner Ken Greenberg for design guidance, Vanasse Hangen Brustlin for transportation analysis, Atelier Ten for environ-

Kendall, Page 16

NEWS BRIEFS

on the Yale University Health

Billionaire to donate \$47 million to Broad Institute

Billionaire Carlos Slim Helú promised to donate \$74 million to the Broad Institute Monday, according to the Boston Globe. His donation will fund genetic research based on the DNA of Hispanics and other non-Europeans, the Globe reported. "I try to support this kind of project — that is for the interest of everyone in the world, but with some focus in Mexico and Latin America," Slim told the Globe.

The \$74 million-dollar donation funds the second phase of the Slim Initiative for Genomic Medicine for the Americas (SIGMA), an initiative that launched in 2010 when Slim donated \$65 million to the Broad institute, according to Slim's website, carlosslim.com.

Hungarian president visits Media Lab

President János Áder visited the Media Lab for 90 minutes on Friday, according to MIT News, and discussed with MIT president L. Rafael Reif his desires to incite innovation and an entrepreneurial spirit in Hungary so that Hungarian students who study abroad are more likely to return to their home-country.

Ader visited four research groups during his visit to the Media Lab: Tangible Media, Changing Places, Personal Robots, and Lifelong Kindergarten, according to MIT News.

—William Navarre

IN SHORT

The MIT Shakespeare Ensemble's Hamlet opens today at 8 p.m. in La Sala de Puerto Rico! Tickets are \$6 for MIT, Harvard, and Wellesley students, \$9 for the rest of the MIT community and other students and \$12 for general admission. Performances will run until Nov. 9.

Slam Agaist Silence is today at 6:30 p.m. in the Talbot Lounge in East Campus. Come practice your slam poetry skills and enjoy coffee and cookies! An open mike will be provided.

The 9th Annual Merck/BE-BMES Undergraduate Research Poster Session is now accepting submissions until Sunday, Nov. 10. Cash prizes (\$500, \$300, \$100) will be available for winners. Email submissions to mitbebmesposter@gmail.com.

Send news information and tips to news@tech.mit.

Assembly limits of Boston FSILG residences to be re-evaluated

ing groups (FSILGs) gathered on Oct. 24 for a meeting regarding the temporary restriction on large events in Boston FSILG residences, which are to remain until the assembly limits of each residence could be evaluated. Boston FSILG residences are applying for updated assembly permits and are restricted from having events that exceed the occupancy of their houses until the permits have been issued — effectively, a ban on parties and other large events at the

In an email to The Tech, Interfraternity Council (IFC) Vice President Brian L. Alvarez '15 explained that the primary reason for the reevaluation is that the

Students and alumni of MIT's frater- limits currently reported by the resi- complete and submit the new assembly ner that is now outdated. The Boston Inspectional Services Department requires that assembly limits are calculated based on the emergency exit capabilities of each residence. Currently, however, Boston FSILG residences have assembly limits calculated by the old system that was based on square footage. The Boston Inspectional Services Department wants to verify that all assembly limits meet the present standards and reflect the safe capacities of FSILG residences.

"The MIT FSILG Office, the Association of Independent Living Groups (AILG), and the Interfraternity Council (IFC) are currently working with architects and the individual houses to

"There are preliminary discussions to explore the possibility of hiring a second architect for additional support to help expedite the process. Stakeholders involved have not had an opportunity to make any final decisions," reported Matthew Bauer, director of communications and special assistant to the Dean of Stu-

In last Thursday's meeting, senior associate dean of Residential Life & Dining Henry J. Humphreys reiterated the need for compliance with the temporary restrictions until updated assembly permits have been acquired.

—Alexandra Delmore

BOSTON BALLET COMPANY SHINES

Boston Ballet's season opener was emotionally evocative and convincing. ARTS, p. 10

YOUR COUNTERPARTS

What would they be like in parallel universes? FUN, p. 6

HOW DO YOU TAKE NOTES?

Q.E.D.: Where are you on the scale from tradition to online hipster? FUN, p. 6



18TH ANNUAL BOSTON VEGFEST

A look inside Boston's annual Vegetarian Food Festival.

ARTS, p. 12

SHAKESPEARE ENSEMBLE

Production of Hamlet tries something new with Halflets.

ARTS, p. 14

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Snowden's lawyer says he has a new job in Russia

 MOSCOW — Edward J. Snowden, the former National Security Agency contractor living in asylum in Russia, now has a job at one of the country's major Internet companies, a lawyer who has represented him since he arrived here as a fugitive from U.S. prosecution four months ago said Thursday.

Snowden, whose whereabouts here have remained secret and a matter of intense speculation, will begin working Friday at a company that the lawyer, Anatoly G. Kucherena, would not disclose. He declined to discuss details of Snowden's life in exile, he said, "because the level of threat from the U.S. government structures is still very high."

Kucherena's assertion about the employment offer could not be verified. Other claims about Snowden's secretive life here have turned out to be unsubstantiated.

In August, when Russia's migration agency granted Snowden a one-year temporary asylum, the founder of Russia's most prominent social network, VKontakte, publicly offered him a job, saying his expertise would help protect the personal data of the site's users.

A spokesman for the company, Georgy Lubushkin, declined to comment; a technology site, Digit.ru, quoted the company's technical director, Nikolai Durov, as saying he was not aware of any job offer.

Two other prominent Internet companies here, Yandex and Mail.ru, said Snowden was not working for them. Snowden's disclosures about the global extent of eavesdropping by U.S. intelligence services have caused an international uproar, deeply embarrassing the Obama administration and creating severe frictions with some of America's most important allies.

—Steven Lee Myers, The New York Times

Jobless high in Eurozone stays at record high

FRANKFURT — The number of people out of work in the eurozone rose slightly in September, according to official data published Thursday, showing that signs of renewed economic growth have not yet filtered through to the labor market.

The jobless rate was 12.2 percent last month, a record high and the same as the figure for August, which was revised upward. But the absolute number of jobless people in the 17 countries in the euro area rose by 60,000 from a total of about 19.5 million, according to Eurostat, the EU statistics agency in Luxembourg. The eurozone unemployment rate had stopped rising in recent months, but Eurostat revised the figure reported for August to 12.2 percent from 12 percent.

"Businesses are not yet confident enough about the growth outlook to switch to creating jobs," Marie Diron, an economist who advises the consulting firm Ernst & Young, said in an

The numbers come as a disappointment after recent data fed hopes that the eurozone was slowly emerging from a downturn that effectively began in 2009. Spain, one of the countries hit hardest by the eurozone debt crisis, returned to growth in the third quarter after a recession that lasted more than two

There also have been signs that the European car industry, a major source of jobs, is recovering from its worst sales in two decades. On Wednesday, the Italian carmaker Fiat reported its first increase in European sales since 2010. But joblessness continued to rise in eurozone countries including France, Italy and Belgium, offsetting improvement in Germany and Portugal.

Employment is typically one of the last components of the economy to respond in an upturn, because companies tend to wait to hire people until they are sure business is really getting

For all 28 countries in the EU, including those like Romania and Britain that are not in the eurozone, the unemployment rate was unchanged at 11 percent for the fourth month in a row.

-Jack Ewing, The New York Times

Red Sox clinch first title at Fenway since 1918

By David Waldstein THE NEW YORK TIMES

BOSTON — For much of the 20th century, the Boston Red Sox were a symbol of frustration and pain for an entire region. As popular as they were in their corner of the nation, either they were good enough to lose in agonizing fashion on baseball's grandest stage or they were just plain bad.

But that all changed in 2004 when the Red Sox ended an 86year championship drought, and now their fortunes have changed so dramatically that winning titles has become commonplace.

The latest victory came Wednesday night, when the Red Sox beat the St. Louis Cardinals, 6-1, in Game 6 of the World Series to take the series, four games to two. They earned the third jewel in their championship crown over the last 10 years, and their eighth overall.

In addition, for the first time since 1918, Boston was able to celebrate the victory at home, winning in front of an announced crowd of 38,447 at Fenway Park and many thousands more who crammed the city streets and bars to proclaim those formerly scarce words that are now often-repeated: The Boston Red Sox won the World Series.

Even after the team's horrendous late-season collapse in 2011 and a last-place finish in 2012, Red Sox fans have become so accustomed to winning that, once their scruffy team had won Game 5, Game 6 had an air of inevitability.

By the time Boston had taken a 6-0 lead in the fourth inning, the cool air at Fenway Park vibrated in anticipation of the party that would soon follow.

David Ortiz, whose contributions to the Red Sox's last three championships cannot be overstated, was named the most valuable player of the series. He hit two home runs, knocked in six runs, scored seven more, batted .688 and had a staggering .760 on-base percentage.

In 2004, the Red Sox swept the Cardinals, winning Game 4 in St. Louis, and in 2007 they swept the Colorado Rockies, taking the final game in Denver.

The Red Sox had lost in excruciating fashion in their four previous World Series appearances, in 1946 and 1967 to the Cardinals, in 1975 to the Cincinnati Reds and in 1986 to the New York Mets, each time in seven games.

What made this year's title even more notable was that the Red Sox completed a worst-to-first transformation, rebounding from a lastplace finish in the American League East in 2012, shedding a negative reputation and replacing it with scruffy beards to signify team unity.

The team brought in Farrell to replace Bobby Valentine and several new players, including Victorino, Drew, Mike Napoli, Jonny Gomes and closer Koji Uehara, to change the toxic culture of the clubhouse.

Second baseman Dustin Pedroia said the Red Sox bonded in spring training and then were motivated after the Boston Marathon bombings to use baseball to help the city heal.

"Because of what happened to this city," he said, "we wanted to do something special and make everybody happy and proud."

Senate Republicans block two Obama nominees

By Jeremy W. Peters

THE NEW YORK TIMES

WASHINGTON - Senate Republicans on Thursday blocked the confirmation of two of President Barack Obama's nominees, one to a powerful appeals court and another to a housing lending oversight post, setting up a confrontation with Democrats that could escalate into a larger fight over limiting the filibuster and restricting how far the minority party can go to thwart a president's agenda.

The Senate voted 55-38 to move forward with the nomination of Patricia Ann Millett to the U.S. Court of Appeals for the District of Columbia Circuit, five votes short of the 60 required to break the Republican filibuster. Forty Republicans opposed the nomination, three voted "present" and two joined Democrats in supporting her.

The vote to advance the nomi-

nation of Rep. Melvin Watt, D-N.C., to become the head of the Federal Housing Finance Agency was 56-42, four votes short. Forty-one Republicans opposed Watt, and two supported him.

Republican objections to Millet, however, had nothing to do with her judicial temperament or political leanings. Instead, Republicans say they want to refuse Obama any more appointments to the appeals court, which is widely recognized as second only to the Supreme Court in importance and often rules on the legality of executive branch actions.

"Our Democratic colleagues and the administration's supporters have been actually pretty candid," said Sen. Mitch McConnell of Kentucky, the Republican leader. "They've admitted they want to control the court so it will advance the president's agenda.'

The court is currently split even-

ly with four Republican appointees and four Democratic appointees among the judges who regularly hear cases

But it still has three vacancies. And Senate Democrats have accused Republicans, who are pushing a bill that would eliminate those three seats permanently because they argue the court has a light caseload, of trying to change the rules simply because they do not like the president who is picking

judges.
"The judiciary is too important to play partisan games with," said Sen. Dianne Feinstein, D-Calif. "And that's exactly what's going on

Sen. Patrick J. Leahy, D-Vt., chairman of the Judiciary Committee, said Millett's defeat would force Democrats to reconsider changing the Senate rules so Republicans would not be able use the filibuster

WEATHER

Cold front brings warmer temperatures and rain

By Kathryn Materna

Grab an umbrella instead of a sweater today: today's temperatures will be among the warmest we've experienced in recent days, but we will also see rain for most of the day. The source of the rain is a powerful cold front which has been moving across the Midwest this week, producing strong winds and up to several inches of rain. Here in Boston, we will likely see about a quarter of an

inch of rain. Winds may gust as high as 30 miles per hour. The cold front will then move off the coast tonight into tomorrow morning.

There will be chances of clouds and showers throughout the weekend as the temperatures gradually return to average for this time of year. By Monday, a high pressure system will sit over Boston again, bringing sunny days along with the chilly weather that is more typical of November in Boston.

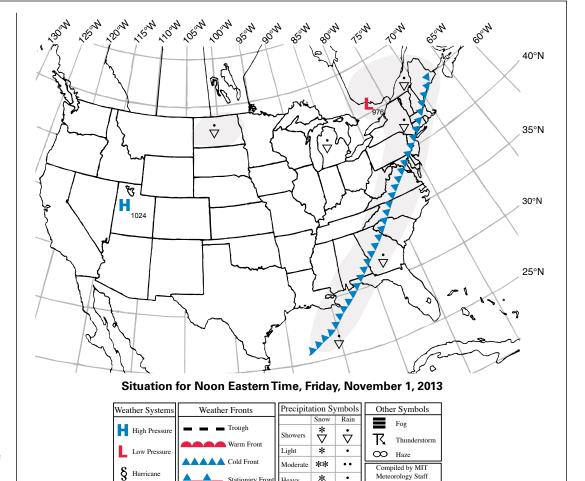
Extended Forecast

Today: Rain today, mainly before 3 p.m., with a high of 74°F (23°C). Winds from the southwest at 15-20 mph, with gusts as high as 30 mph.

Tonight: Partly cloudy, low 53°F (12°C). Wind at 10–15 mph Tomorrow: Overcast, with a high of 63°F (17°C). Winds light and variable.

Sunday: Mostly cloudy with a chance of showers, high of

Monday: Sunny, with a high of 45°F (7°C).



and The Tech

Bodies of dozens of migrants found in Niger's desert

By Adam Nossiter

THE NEW YORK TIMES

DAKAR, Senegal — The decomposing bodies of 87 migrants from the impoverished West African nation of Niger were discovered in the Sahara this week just a few miles from a well, apparently stranded after a desperate search for water, said the head of a local humanitarian organization who helped bury many of the bodies.

Two trucks carrying the migrants - men, women and children — broke down in the northern desert while trying to reach neighboring Algeria, said Almoustapha Alhacen, speaking by telephone from Arlit, where they started their journey Sept. 26. Responders found groups of corpses — 15 here, 11 there - scattered in a wide radius around a well that the victims had tried to reach. Five other victims were discovered earlier, for a total

At least 52 of the victims were children, said Alhacen, who heads a nongovernmental organization called Aghirin Man in Arlit, 120

miles south of the border. One of the trucks broke down less than 10 miles from the well. The mayor of Arlit, Abderrahmane Maouli, said by phone, "Between the vehicle and the well, they were scattered here and there, a bit everywhere."

Alhacen described a grim scene.

"It was horrible," he said. "Very difficult. They were dehydrated, decomposed. Some of them had been eaten by jackals. You couldn't recognize them. Some had died of thirst."

The victims are thought to have been Nigeriens fleeing one of the world's poorest countries - Niger ranks last on the U.N. Human Development Index - in search of opportunity in relatively prosperous Algeria, flush with oil revenue, across the border.

Maouli said migrant deaths in the desert were relatively common. But the scale of the latest disaster was beyond anything the region had yet experienced.

"This is the biggest," he said. "We've never seen anything like

Migrants pushed back from

more prosperous lands in the north congregate in the Nigerien desert city of Agadez to the south of Arlit, said Ismael Mahamane of the International Organization for Migration in that city; thousands more use Agadez as a staging point.

Marou Amadou, Niger's justice minister and the government spokesman, said: "This is a huge worry for the government. It's growing by the day."

Scattered among the remains were copies of the Ouran, as well as the small blackboards that young Quranic students use to copy verses, Alhacen said. Those details officials to speculate that teachers and their students were among the victims - perhaps would-be mendicants in the regional culture of religious begging. Out of 113 who plunged into the desert in late September, bypassing the main road and its checkpoints, 21 survived, Alhacen said. Two, both smugglers, made it back to Arlit and are in jail, he said; 19 reached the Algerian city of Tamanrasset and were sent back.

"This has been really, really tough," Alhacen said.

House votes to repeal Dodd-Frank provision

WASHINGTON — The House of Representatives, with bipartisan support, passed legislation Wednesday that would roll back a major element of the 2010 law intended to strengthen the nation's financial regulations by allowing big banks like Citigroup and JPMorgan Chase to continue to handle most types of derivatives trades in house. The bill, which passed by a 292-122 vote, would repeal a requirement in the Dodd-Frank law that big banks "push out" some derivatives trading into separate units that are not backed by the government's insurance fund.

But the debate Wednesday regarding this decidedly technical matter quickly turned into a dispute over the role the federal government has played since the recession in regulating financial markets. Advocates of the legislation argued on the House floor that the federal government was partly responsible for the slow rate of economic growth because it imposed excessive new regulations.

"America's economy remains stuck in the slowest, weakest nonrecovery recovery of all times," said Rep. Jeb Hensarling, R-Texas, the chairman of the House Financial Services Committee. "Those who create jobs for America are drowning in a sea of red tape preventing them."

But opponents of the measure said that reckless activity by banks like JPMorgan Chase, where a group of traders in London ran up \$6 billion in losses in 2011, demonstrate that the tough requirements contained in the Dodd-Frank law, passed in 2010, should not be weakened.

"It is clear that Wall Street has not learned its lesson," Rep. Collin C. Peterson, D-Minn., said during the debate. "This bill would effectively gut important financial reforms and put taxpayers potentially on the hook for big banks' risky behavior."

With Wednesday's vote, the House has passed eight bills this year that would roll back provisions of Dodd-Frank.

—Eric Lipton, The New York Times

Council approves raising age to buy cigarettes to 21

NEW YORK — Buying cigarettes in New York City is about to become a lot harder for young people, as lawmakers on Wednesday adopted the strictest limits on tobacco purchases of any major

The legal age for buying tobacco, including cigarettes, electronic cigarettes, cigars and cigarillos will rise to 21, from 18, under a bill adopted by the City Council and which Mayor Michael R. Bloomberg has said he would sign. The new minimum age will take effect six months after signing.

The proposal provoked some protest among people who pointed out that New Yorkers under 21 can drive, vote and fight in wars, and should be considered mature enough to decide whether to buy cigarettes. But the Bloomberg administration's argument — that raising the age to buy cigarettes would discourage people from becoming addicted in the first place — won the day.

"This is literally legislation that will save lives," Christine C. Quinn, the council speaker, said shortly before the bill passed

In pushing the bill, city officials said that the earlier people began smoking, the more likely they were to become addicted. And they pointed out that while the youth smoking rate in the city has declined by more than half since the beginning of the mayor's administration, to 8.5 percent in 2007 from 17.6 percent in 2001, it has recently stalled.

The new law is a capstone to more than a decade of efforts by Bloomberg, like banning smoking in most public places, that have given the city some of the toughest anti-smoking policies in the

—Anemona Hartocollis, The New York Times Times Co. reports quarterly loss after sale of Globe

The New York Times Co. reported Thursday a net loss in the third quarter, attributable in large part, the company said, to the sale of the New England Media Group, which included The Boston Globe. Digital subscription gains helped produce a slight increase

The Times Co. said it had a loss of \$24 million, a sharp drop-off from the same period a year earlier, when the company posted a \$2.7 million gain. The loss is equal to about 16 cents a share, comd with a gain of 2 cents in 2012. The third-quarter figures reflect the impact of the sale of the New England group and related factors such as income tax expense. The Times Co. agreed in early August to sell the group for \$70 million to John W. Henry, the owner of the Boston Red Sox, and completed the deal last week.

The company reported a \$5 million loss in income from continuing operations compared with a \$2.9 million loss the same time the year before.

Total revenue for the third quarter rose by 1.8 percent, to \$361.7 million from \$355 million the year before. Overall, the company's total advertising revenue declined by 2 percent, to \$138 million from \$140.9 million, the lowest year-on-year quarterly decline in that category in three years. Print advertising revenue declined by 1.6 percent. Digital advertising revenue shrank by 3.4 percent, to \$32.8 million from \$33.9 million, and also declined as a percentage of overall revenue, to 23.8 percent compared with 24.1 percent in

A continuing bright spot was circulation, with revenue growing 4.8 percent. The number of paid subscribers to the company's digital-only packages, which include the website, e-reader and other digital editions, was 727,000, a jump of more than 28 percent from the same time the year before, when it was 566,000. Operating profit was \$12.8 million, a rise of 44 percent from \$8.9 million a year ago.

Mark Thompson, the Times Co.'s chief executive officer, said in a news release that the company had made encouraging progress.

'We increased our revenue, decreased our costs and, as a result, significantly increased our operating profits compared with the same quarter last year," he said.

—Christine Haughney, The New York Times

Contrite White House spurns health law's critics

By Michael D. Shear and Robert Pear THE NEW YORK TIMES

BOSTON — The White House on Wednesday blended expressions of contrition for the troubled rollout of its health care law with an aggressive rejection of Republican criticism of it, as the administration sought a political strategy to blunt the fallout from weeks of technical failures and negative coverage.

While Kathleen Sebelius, the secretary of health and human services, apologized profusely during a politically charged hearing on Capitol Hill, President Barack Obama traveled to Massachusetts to argue forcefully that the Affordable Care Act will eventually be just as successful as the similar plan pioneered by Mitt Romney, his onetime rival and a former governor of

The president also took "full responsibility" for the malfunctioning health care website and promised to fix it. But he pledged to "grind it out" over the weeks and months ahead to ensure the law's success and prove its Republican critics

"We are going to see this through," Obama vowed, pounding his fist on the lectern as the audience roared with approval.

The dual messages from Obama and Sebelius over the course of the day reflect a recognition by officials inside the White House that while apologies are in order, the administration cannot let Republicans expand concerns about the Health-Care.gov website into a broader indictment of the law. Senior advisers to the president said they understood that the bungled rollout of the insurance marketplace has given Republicans another opportunity to litigate the political case against the health care law. But they said they viewed the weeks ahead as a period of inevitable improvement that will vindicate their position.

With Republicans showing no

sign of backing off, the challenge for Obama and Democrats in the months ahead will be to deflect political attacks that unfairly demonize the health care law while acknowledging its shortcomings. Achieving that nuance could prove tricky for an administration whose top health official, Sebelius, on Wednesday called the rollout of the online insurance marketplace a "debacle."

Sebelius told lawmakers on the House Energy and Commerce committee that she was as surprised as anyone when the website collapsed Oct. 1.

The shift in strategy from the White House comes as new challenges emerge for the law. The problem-plagued website crashed again just before Sebelius began testifying. And officials acknowledged that the federal insurance marketplace for small businesses, which had already been delayed a month from Oct. 1, will not open until the end of November.

Voter's anger over shutdown is inspiring Democrats to run

By Michael Wines THE NEW YORK TIMES

OMAHA. Neb. — Nebraska has not elected a Democrat to the House of Representatives since 1994, and until this month, prospects for changing that were dim at best. Of the state's three House seats, a Democrat has a fighting chance only in the district encompassing Omaha and its suburbs. And the party's sole hope there, Omaha's popular City Council president, had declared that he was not going to run.

But suddenly, the council president, Pete Festersen, has jumped into the 2014 race against an eightterm incumbent Republican. And a Lincoln lawyer, Dennis Crawford, declared his candidacy in a second Nebraska district where the Republican incumbent also had been unopposed. Both say their moves are fueled by popular anger over the 16-day Republican-led shutdown of

the federal government.

"If I ever see Ted Cruz, all I'm going to say is, 'Thank you, thank Vince Powers, Nebraska's Democratic Party chairman, said in an interview. "I would've been in witness protection, because I didn't have anybody to run."

Here and nationally, the Democratic Party is enjoying something of a boomlet in newly declared candidacies for the House. Since Oct. 1, five candidates have lined up to contest Republican-held seats, with at least four more in the wings, Democratic officials say. Almost all say they are driven to run - ostensibly, at least - by disgust over the shutdown, first espoused by Sen. Ted Cruz, R-Texas, and embraced by Tea Party Republicans in the House and, eventually, most others as well. Nonetheless, most of the Republicans viewed as most vulnerable are moderates, not those who pushed for the shutdown.

In Arkansas, former Mayor Pat-

rick Henry Hays of Little Rock announced his race for the seat of Rep. Tim Griffin, a Republican who is retiring, by denouncing the shutdown as a travesty. Last Thursday, Bill Hughes Jr., a former federal prosecutor, opened his challenge to a New Jersey incumbent, Rep. Frank A. LoBiondo, by railing against what he called the Republicans' "irresponsible brinksmanship" in closing down the government.

And Wednesday, Alex Sink, Florida's chief financial officer who narrowly lost a 2010 bid for governor, entered a special election race to fill the House seat of Rep. C.W. Bill Young, a Republican who died at 82 on Oct 18

Republicans say they are unimpressed. But the Democratic Congressional Campaign Committee, which recruits candidates and funnels money into races it deems winnable, says that the shutdown will push others to enter 2014 House races within weeks.



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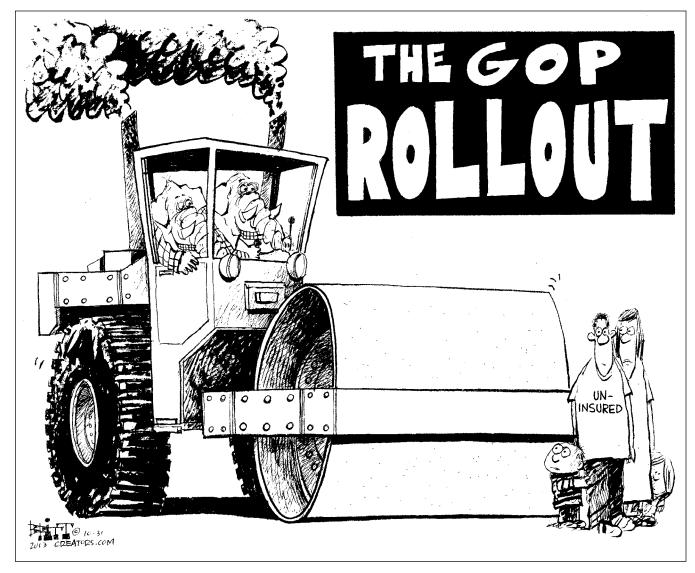
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Easy Techdoku

Solution, Techdoku I, page 17

12×			14+		
6×		5		36×	
480×			5×	8+	
	12×				6×
15×		10+			
	1-		12×		

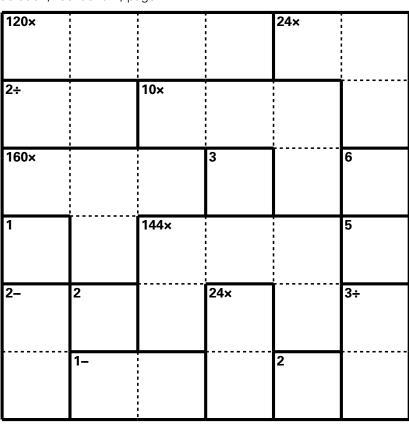
Less Easy Techdoku

Solution, Techdoku II, page 17

17+			360×	
	2×	İ	20×	30×
8+	<u> </u>	3×		
	9+	<u> </u>	6×	2
6	<u> </u>	40×		7+
6×		<u> </u>	5+	

This Might Actually Take Time

Solution, Techdoku II, page 17



Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

Easy Sudoku

Solution, Sudoku I, page 17

	9			8	6	2		
	8			5	7			
		2			3	8		1
		4		7				3 2
5								2
5 6 8				3		4		
8		6	4			1		
			3	6			2	
		3	7	9			2 6	

Somewhat Harder Sudoku

Solution, Sudoku II, page 17

	7	1	5	2				4
			8		7		5	6
		5						
3	2		7	4				8
1				8	9		6	3
						6		
5	4		1		6			
5 9				3	8	1	2	

Who Knows How Hard This Is

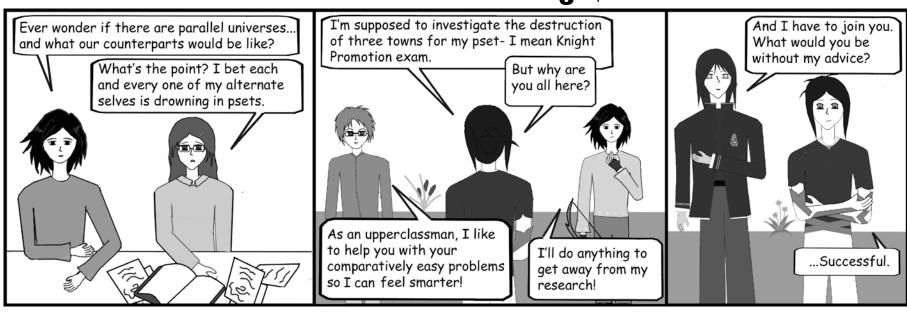
Solution, Sudoku III, page 17

					5	1	7	
				8				4
			4	7		8		5
6	4			2		7	3	
		1		3		2		
	3	7		1			4	9
4		3		5	1			
1				4				
	7	9	2					

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

6 THE TECH Friday, November 1, 2013

Somewhere on the Search for Meaning by Letitia Li

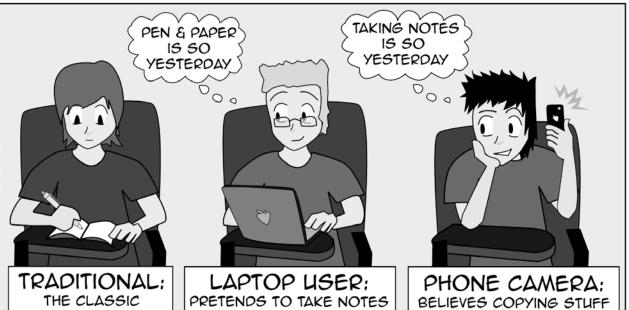




Q.E.D. (QUITE EASILY DONE)

BY ERIKA TRENT

4 FUNDAMENTAL STYLES OF NOTE-TAKING



WHILE SHOPPING ONLINE





PEN & NOTEBOOK

by Jorge Cham

FUNFUNFUNFUN





DOWN IS MANUAL LABOR





WWW.PHDCOMICS.COM



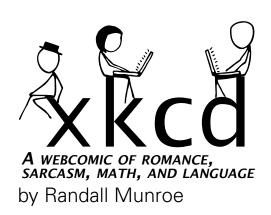
BY ZACH WEINER

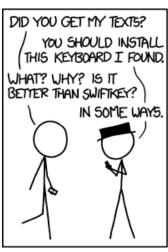


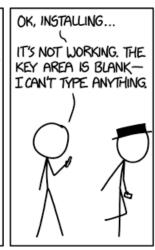


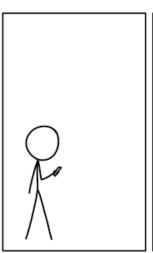


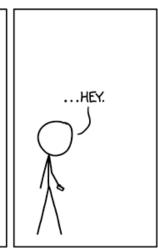
[1284] Improved Keyboard











to type was really worth the trouble. I'm always installing tons of weird experimental keyboards because it serves as a good reminder that nothing I was going

Cutting-Edge by Bruce Venzke

Solution, page 16

ACROSS

- 1 Long tooth
- 5 Variety
- 9 Hired guns, for short
- 14 Crunchy ice-cream flavor
- 15 UN member until '91 16 Pig's nose
- 17 Vermont, for one
- 20 Dermal design
- 21 Wonderland drink
- 22 Toledo's water
- 23 Weight
- 25 Looked smug
- 27 Some Pulitzer nominees
- 31 UK music label
- 32 It means "lizard"
- 33 Mall fixture
- 37 Sitar master Shankar
- 39 Clinton labor secretary
- 42 Informal refusal
- 43 Liquid-Plumr rival
- 45 Shove off
- maneuver
- 47 Half an evasive

48 Office brightener

- 52 Most plentiful
- 55 Other than that
- 56 Italian port
- 57 Coatrack part
- 59 Horse restraint
- 63 Classic Coke recipe
- 66 Starboard side
- 67 Abrupt transition
- 68 Peeling potatoes, perhaps
- 69 Evaluations 70 Full groups
- 71 Beckoning sound

DOWN

- 1 Typographer's choice
- 2 Gazetteer fact
- 3 Pond creature
- 4 Author of Faust
- 5 Strength-testing sport
- 6 Fashion monogram 7 HS juniors' exam
- 8 Physicist Rutherford
- 9 Ed.'s pile 10 Participates

- 11 Fountainhead architect
- 12 Little doll 13 Knightly ride
- 18 Yuletide tunes 19 Noblewoman
- 24 Fully accurate
- 26 Nettle
- 27 Uncool one
- 28 Persian poet
- 29 Bounty alternative 30 From Killarney
- 34 Move like sap
- 35 Get ready for a fight 36 Tavern delivery
- 38 Served at 30,000 feet
- 40 Night spot
- 41 Sledders' starting spots
- 44 Bounty for prospectors
- 46 Chump
- 49 Baseball Tonight airer 50 Spectacular bargains
- 51 Janitorial tool
- 52 Scrub a mission
- 53 __ Claire (fashion mag)
- 54 Fussbudgets
- 16 20 28 29 34 | 35 | 36 37 43 49 50 52 53 54 63
- 58 Jubilant feeling 60 Barbarians
- 61 Benevolent brothers
- 62 Deeply engrossed 64 "__ your move"
- 65 Butcher's trimmings

Unfazed by Lonnie Burton

ACROSS

- 1 Efron of High School Musical
- 4 Treaties 9 Find fault 13 Greek letter
- 14 Army outfit 15 Vocal
- 16 Genesis son
- 17 Coral island 18 Entertainer Minnelli
- 19 "Coming soon" ads
- 21 Oahu garland 22 Making no effort
- 23 Type of bank, for short 24 Baby toy
- 26 Notions
- 28 Soviet flag symbol 32 High-tech appt. books
- 35 Not quite shut 37 Online commerce
- 38 Org. for seniors
- 39 Moved quickly
- 41 Hurricane centers 42 Colloquial phrase

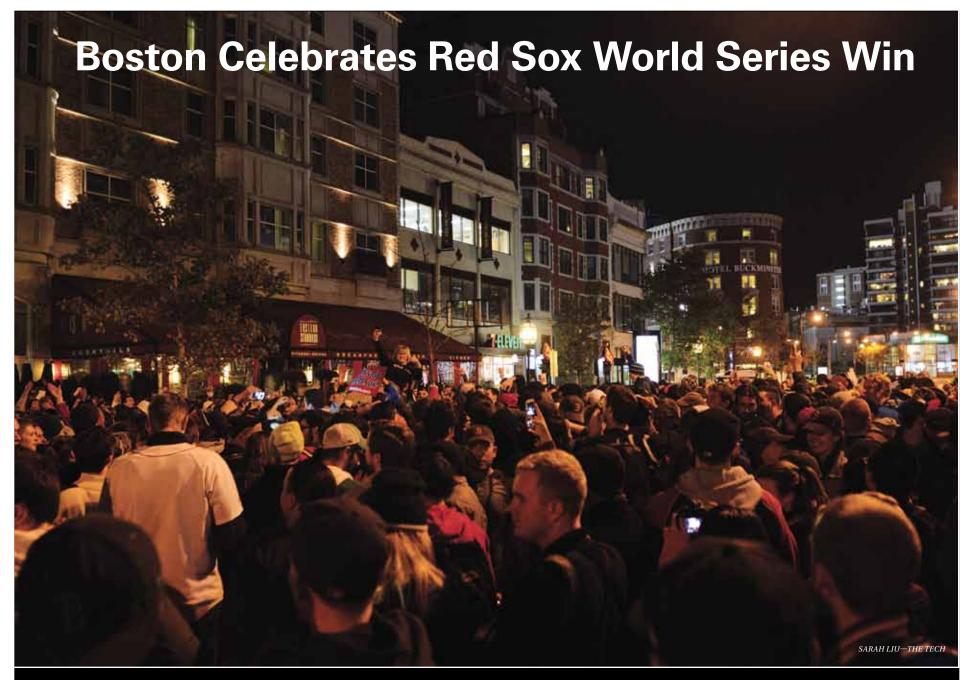
- 44 Video-streaming site
- 45 Completed
- 46 Mideast waterway 48 Zoo structures
- 50 Surge of new arrivals 52 Kitchen appliance
- 56 Elite police team
- 59 Edge of a glass 60 Iced, as some donuts
- 61 Metered vehicle
- 62 Walk slowly
- 64 Anti-DWI org. 65 Scandinavian capital
- 66 Construction girder
- 67 Say grace, for example
- 68 As soon as
- 69 College quarters 70 Astronomer's view

DOWN

- 1 Striped equine
- 2 Used as a dining table
- 3 Good composure
- 4 HS auxiliaries
- 5 Gallery display

- 6 Unflappable
- 7 Sign bought by landlords
- 8 Separates 9 Practiced philately
- 10 Soprano showcase
- 11 Make fun of 12 Run on a DVD player
- 13 Uses a microwave on 20 Antiquated
- 24 Prince of India
- 25 Falsehood 27 Portion of corn
- 29 Bout ender
- 30 Legal claim 31 Otherwise
- 32 Two of a kind
- 33 Miami-__ County 34 Extremely dry
- 36 Take it easy 40 Used a shovel
- 43 Guys 47 Far from fearless
- 49 Subj. for immigrants
- 51 Unsettled state
- 22 19 23 29 | 30 | 31 32 | 33 | 34 35 37 42 45 46 56 57 58 59 62 65 66 67 68 69 70
- 53 Arkansas' __ Mountains
- 54 May 8, 1945
- 55 Sea swirl 56 Pack away
- 57 Do the dishes 58 Wheel shaft
- 60 Opals and emeralds
- 63 On the __ (fleeing)

8 The Tech FRIDAY, NOVEMBER 1, 2013



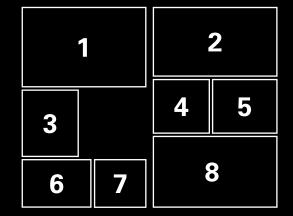


- 1. Crowds began to gather at the Kenmore Square T Stop in anticipation of the Red
- Sox victory Wednesday night.

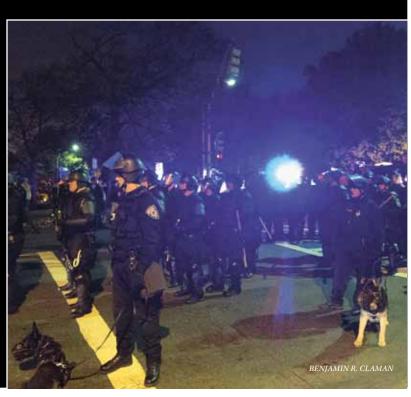
 2. More than two hours after the game ended, fans still lingered around Fenway
- 3. The Prudential Center was lit up during Game 6 of the World Series this Wednesday night. The Red Sox ended up clinching the World Series at home that night, their first time since 1918.

Avenue look on as swarms of fans depart the game.

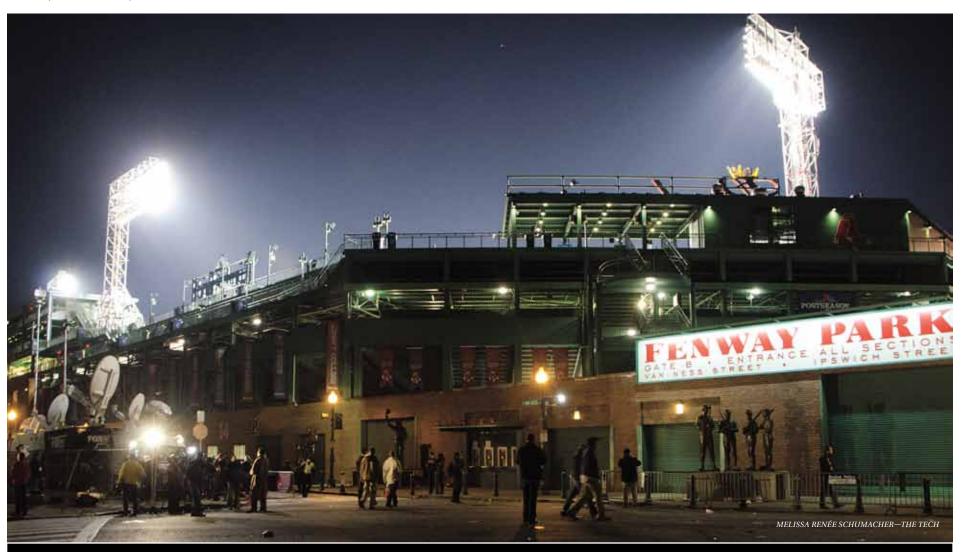
- 4. The Green Building was lit up for the occasion.
 5. Smoke from fireworks tumbled onto the diamond at Fenway Park after the Red Sox clinched their 8th World Series title.
- 6. Police and emergency personnel were on hand in Boston after the game, stationed as far away as Massachusetts Avenue.
- 7. Police from across the state were on hand to maintain order following the
- Wednesday night World Series victory. 8. Police officers guarding an entrance into Kenmore Square on Commonwealth





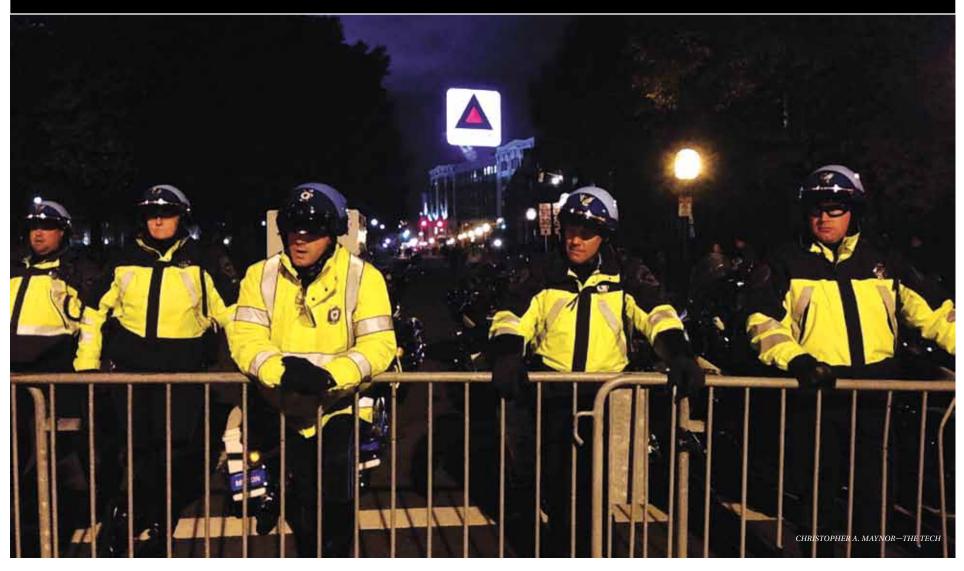


Friday, November 1, 2013









10 THE TECH FRIDAY, NOVI

BALLET REVIEW

Love, jealousy, and a thousand arabesques

Boston Ballet shines in La Bayadère

La Bayadère **Boston Ballet Company** The Boston Opera House Oct. 24 - Nov. 3, 2013

> By Angelique Nehmzow and Grace Young ARTS EDITORS

Last week the Boston Ballet began their 2013-14 season with La Bayadère, a classical ballet set in a fantastical-version of ancient India, that artistic director Mikko Nissinen

describes as "one of the most iconic and quintessential pieces in the classical ballet

First performed in 1877 by the Imperial Ballet at the Bolshoi Kamenny Theatre in St. Petersburg, La Bayadère is a technically challenging ballet that American companies often avoid. However, the Boston Ballet performed the world premiere of choreographer Florence Clerc's production of La Bayadère in 2010, and rose to the challenge again this year. Clerc based her version of the ballet closely on the original by Marius Petipa (1818-1910), the renowned choreographer of over fifty ballets including Don Quixote, Sleeping Beauty, and The Nutcracker.

Despite a lavish set, one is hard-pressed

to recognize that the story takes place in India, and not some fabricated fantasy world. The music by Ludwig Minkus is wonderfully expressive and well-matched to the choreography, but there is nothing particularly 'exotic' about it. The costumes hint at Indian style — with some flowing pants, turban-like headgear, a few veils, and some sashes — but there are also plenty of standard white tutus, and one of the leading ballerinas, Gamzatti, wears a particularly imperious royal blue tutu with gold embroidery and white fur trim. Of course, it can't be helped that none of the dancers look Indian either, and by the third act there is no longer the pretense of being in India since by that time the story has moved on to nirvana. Nevertheless, suspending belief in deference to artistic license allows the viewer to fully appreciate the superb performance of the dancers, which is after all the most important aspect of the ballet.

The dancing is emotionally evocative and convincing, while at the same time technically impressive. Principal dancer Lia Cirio steals the first act as the lead temple dancer, the eponymous bayadère, Nikiya. By a sacred temple in the forest, she rejects the advances of the High Brahmin and joins her fellow bayadères around a fire with other religious leaders and the savage-like fakirs. The bayadères perform elegantly in ensembles, wearing matching long skirts and light satin pointe shoes, while the shirtless fakirs fight for space around the fire in rough-and-tumble dances that contrast with and highlight the bayadères' sylph-like beauty.

The story becomes increasingly complicated and wondrous as the ballet continues. Nikiya and the warrior Solor (Lasha Khozashvili) share a passionate pas du deux in which they swear eternal love to each other over a Sacred Fire. Solor lifts Nikiya onto his shoulder with effortless ease, then balances her back on her pointe shoes as if the two have been dancing together for centuries. Their oneness makes the second scene, in which Solor agrees to marry the Rajah's daughter Gamzatti, puzzling if not heartbreaking. In a consequent scene, Gamzatti and Nikiya engage in a ballet-style catfight, in which Gamzatti moves proudly, almost aloof, and Nikiya moves slyly, and more desperately. Their fight escalates from a slap in the face to near-murder by knife, reminding the audience how jealously and love are often intertwined.

Solor and Gamzatti's wedding is an extravagant affair, with a posing Solor carried onto stage atop an elephant, and numerous soloists and groups dancing in celebration. A glorious golden idol dances too. His spot-on technique and glimmering masculinity contrasts with the adorable little children accompanying him. In the final scene of the wedding, distraught Nikiya dances a heartrending solo, at first despondent at Solor's betrayal, and then temporarily gladdened by the gift of



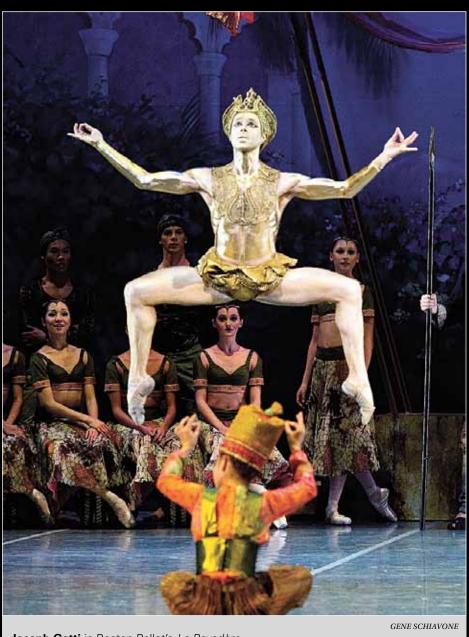
Lia Cirio in Boston Ballet's La Bayadère.

flowers she believes are from him. Solor's callous and cowardly inactivity is enraging, but his dancing is so magnificent you forgive him against your will. His leaps are so high that his 360° turns seem like he's moving in slow motion because it takes so long for him to reach

The final act, The Kingdom of the Shades, is one of the most celebrated excerpts in all of classical ballet. The Boston Ballet performs to perfection. In Solor's dream, twenty-four dancers in white tutus descend diagonally onto the stage in a repetitive sequence of arabesques. By the end of the act, they have performed at least a hundred arabesques each. The ensemble is visually stunning, and almost hypnotic. The soloists (Kathleen Breen Combes, Ashley Ellis, and Misa Kuranaga) truly shine in what artistic director Mikko Nissinen describes as "notoriously demanding" roles. The pace quickens towards the end, as Nikiya and Solor have their final, cathartic, duet, and he twirls her in midair. The two are fearlessly athletic in their passionate dance,

but also happy and finally at peace.

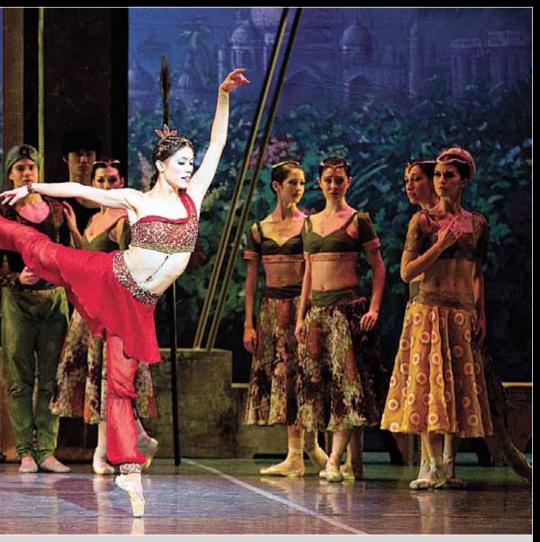
In a dramatic ending, the white tut-clad dancers arabesque out the way they came, and the lovers follow close behind, with Solor solemnly holding aloft Nikiya's long white veil, like a marriage train, and the two boldly striding up and out towards the light. The curtain falls, waking the audience from the dream of love, lust, unattainable desires, and slightly absurd circumstances.



Joseph Gatti in Boston Ballet's La Bayadère



THE TECH 11 EMBER 1, 2013



GENE SCHIAVONE

"Your future starts with your choices today"

The Tech talks with Boston Ballet company member Diana Albrecht about La Bayadère and her career in ballet

By Grace Young

Boston Ballet corps de ballet member Diana Albrecht spoke with *The Tech* about her career in ballet as well as her favorite moments of La Bayadère. A native of Paraguay, Albrecht has been dancing since she was three years old, and professionally since she was 16 years old. In La Bayadère, her roles include dancing as a bayadère (Hindu temple dancer) in the first act, in the fan waltz in the second act, and as a shade in Solor's dream in the third act.

The Tech: How did you prepare for your roles in La

Diana Albrecht: The Kingdom of Shades is one of the most challenging parts for the corps of ballet. We started rehearsals back in August and slowly increased the amount of arabesques [lift of the leg behind the back] each day in order to gain strength and avoid hurting our backs since we do around 40 arabesques

'I love how contemporary pieces push the body to new places, ... creatively exploring the unknown.

— Diana Albrecht BOSTON BALLET MEMBER

Also I did some balancing and strengthening exercises on a "bosu" (half of a rubber ball attached to a flat rigid platform) at the gym. You basically try to balance your body standing on a leg on a bosu ball for a couple minutes, so when you are standing on the ramp or the stage floor, your body recognizes it as a much more stable surface and your balance becomes

TT: As young students we're often wondering if we're on the right track, or if we should switch fields, etc. Did you ever consider giving up dance and pursuing another career?

DA: I never seriously considered giving up. There are many difficult times we go through, as any other career. But once you pass through them, you get stronger and more mature. I do feel like in the beginning of my career I didn't think as much about the future as I do now. I always wanted to continue studying as I did ballet, I just never had the resources or time to do it. It takes time to get comfortable with speaking and writing in English and I was more focused on being part of a new environment and building the base of

But now I have the opportunity to take college classes and it is so rewarding! Just to get a feel that there is so much more out there and so many opportunities after our dancing careers or even new opportunities merging arts and business, it is empowering and exciting.

So I wouldn't switch fields if I felt I could do it. I always tell dancers who are starting their careers to follow their instincts and to not give up if they really think they can do it. But it is also important to prepare your future, and your future starts with your choices today.

TT: What's your favorite part of La Bayadère and

DA: The part that always touches my heart is in the Third Act when we are all down the ramp and ready to start the adagio. I find the music to be sublime. It brings so much serenity and stillness to the moment that it is very uplifting to both dance and watch.

TT: Which is your favorite ballet?

DA: I don't think I can pick one, the traditional classical ballets are very challenging and it is great to succeed at a role of a classical ballet and to watch a well done full length.

to new places making beautiful shapes and creatively exploring the unknown.



COURTESY OF THE BOSTON BALLET Diana Albrecht, a Corps de Ballet dancer in the Boston Ballet Company.

CONCERT REVIEW

Frankie Rose and Franz Ferdinand rock the Orpheum

A rousing night of indie rock and dance mashups

Sex

By Chennah Heroor

The Orpheum Theater in Boston is a beautiful old opera house in Boston that seems a little past its glory days, but it was perfect for the indie rock and dance mashups of Casual Sex, Frankie Rose, and Franz Ferdinand.

Casual Sex, a Glasgow based band, was the opener for the night. While they were clearly excited to be opening the show, their songs were a little cliché. It was hard to hear their lyrics over the sound of the bass, but most of the words seemed to be puns about one-night stands.

The crowd really started to filter in as Frankie Rose took the stage. She played some songs from her new album, including "Night Swim" and "Sorrow." Unlike some of her recordings, Frankie has a much deeper voice in person. Her raspy, throaty renditions gave the sweet songs a sinister

Unlike some of her recordings, Frankie has a much deeper voice in person. Her raspy, throaty renditions gave the sweet songs a sinister bite and more depth.

bite and more depth. She managed to fill the theater with her new wave renditions, and got the audience to cheer along with several of her songs. While her stage manner was a little off at times, she won me over with her beautiful voice and whimsical songs.

The live performance also gave Frankie the chance to speed up a couFrankie Rose and Franz Ferdinand Opened by Casual

Orpheum Theater Oct. 20, 2013

ple of her slower songs, as well as try different echoes of her performance. The stage was a little too small for her to move around, but the constraints made the music seem more "real." The mesmerizing display of light and color gave her ethereal, ominous songs a solid grounding.

Franz Ferdinand was the last band of the night, and they roused the crowd with their enthusiastic renditions of songs from several of their previous albums. Their live performance allowed lead singer Alex Kapranos to try different tempos for some of their hits. I was less familiar with the material from their new albums, but listening to their sweet rendition of "Stand on the Horizon" encouraged me to listen to their new songs as soon as I returned home.

Franz Ferdinand looked like they really enjoyed being out in front of the crowd. At various points, Kapranos and Nick McCarthy, the guitarist, reached out to the crowd, and Kapranos even held up a fan's signs, encouraging us all to sing the lyrics to "Do You Want To." The blinding lights from their performance made it difficult to watch at times, but the music certainly made up for the strange lighting.

Overall, I was thrilled to attend this concert. Frankie Rose and Franz Ferdinand were even more fun to listen to live than recorded. I'm definitely anticipating their return to Boston.



COURTESY OF FAT POSSUM RECORDS

Artist Frankie Rose, who just released her new album Herein Wild.

FOOD FESTIVAL REVIEW

Free vegetarian food and a community brought together

Boston's annual Vegfest returns

The 18th Annual Boston Vegetarian Food Festival

Roxbury Community College Athletic Center, 1350 Tremont Street, Boston

Oct. 26-27, 2013

By Alex McCarthy

You know those old *Star Trek* episodes where Kirk, Bones, and Spock beam down onto an alien planet, and find themselves in the middle of some big marketplace, where people are selling strange foods, and wearing bright colored clothes? Well, walking into the 18th annual Boston Vegetarian Food Festival, held at the Roxbury Community College Athletic Center last Sunday, was quite a bit like that.

The Vegetarian Food Festival (VegFest) annual convention, held in most major U.S. cities, is

a two-day gathering of all things vegan and vegetarian. Packed into the festival are over one hundred vendors and organizations, each advertising their food and campaigns. Popular veggie chefs and authors lead cooking demos and classes, and speakers share wisdom on topics ranging from personal wellness to environmental othics.

The venue runs at full tilt, with hundreds of local people at any time circulating the booths, sampling and buying the latest and greatest in vegan and vegetarian fare. Most popular are, not surprisingly, the dessert booths, selling

decedent vegan cupcakes, cannoli, ice cream, donuts, and exotic gourmet dark chocolates, to name but a few. Also present are vegan belts and shoe companies, advertising and selling stylish wares made from faux leather. Proud vendors grill up the cutting edge of faux meats. The May Wah Vegetarian Market came all the way from New York to give out samples of what seemed like two dozen varieties of faux seafood. Attendees chat with the myriad of animal rights and environmental wellness advocacy groups while munching on chia seed and chocolate raw energy

Now, I've been vegan since I was four, and it's still quite the unique cultural experience to visit a VegFest. Vegetarians and vegans are a minority, and many lead lives fairly independent of their dietary choice, but at VegFest the real culture emerges, and it is truly a great experience. I would highly recommend visiting the next VegFest, either in Boston, or elsewhere. If you've ever been curious about vegetarianism or veganism, a Veg-

Fest is the perfect place to learn more and experience the wonderful community built around these ideas. For me, it's similar to coming to MIT — suddenly I'm in a place where everyone is as excited about science and engineering as I am (at VegFest they're excited about food, and have free samples!). In fact, some of the founding Boston Vegetarian Society coordinators were MIT graduates, and the very first Boston VegFest was held in the MIT Johnson Athletic Center.



MELISSA RENÉE SCHUMACHER—THE TEO

The Boston Vegetarian Food Festival, an exhibition of vegetarian and vegan food, clothing, and other products, was held on Saturday and Sunday.

MOVIE REVIEW

Princess of hearts

A rom-com biopic about the late Princess of Wales

By Kristen Sunter
STAFF WRITER

I admired Princess Diana when I was a kid because she was nice when she didn't have to be. She could have just attended the requisite state functions, but instead she made an effort to reach out to less fortunate people, and she set the bar for later celebrity activists. In the 1980s, she famously shook the hand of a man with AIDS, despite the widespread fear and misunderstanding of people who were HIV positive at the time. Her complicated personal life became tabloid fodder, but to her fans her flaws only made her more relatable. But the afternoon before her fatal car accident, I remember wondering aloud to my friends as we wandered between the rides at a local amusement park whether Princess Di was really a nice person, in real life, not just on the news.

Diana would lead me to believe that she was genuinely concerned about other people, almost to a fault, but I can understand why critics in the UK have been skeptical of this film since its release there in September. Oliver Hirschbiegel, who won critical acclaim for Downfall, based this next biopic on material from Kate Snell's Diana: Her Last Love, which drew on interviews with people close to Diana in the last years of her life. Basing a film on a beloved public figure, especially showing her in a less than mythic light, is asking for trouble. A film about a

public figure who is not yet well known in the mainstream might become the first if not only point of reference for most of its audience. A film about someone who is widely despised or admired can afford to take factual liberties if it justifies the feelings audiences already have. But this film is still too soon, even though it's been sixteen years since her death.

Diana's tragic flaw, as portrayed in this film, is that she did not quite know how to act in the moment to achieve her long-term goals.

If you don't already know much about the life of the Princess of Wales (portrayed by Naomi Watts), do not expect much guidance here. This film is no documentary, it is first and foremost a very personal, tragic love story between Diana and the reclusive Hasnat Khan (Naveen Andrews). If this film is taken as a simple romance, it becomes a tale of the maddening isolation of fame, but you might be left wondering about some details, such as who the man in the hospital bed is, or even who her boyfriend is because his pame isn't montioned early on



COURTESY OF ENTERTAINMENT ONE FILMS

The Princess of Wales (Naomi Watts) and Dodi Fayed (Cas Anvar) in Diana.



COURTESY OF ENTERTAINMENT ONE FILM

The Princess of Wales, played by Naomi Watts, in Diana.

Diana's tragic flaw, as portrayed in this film, is that she did not quite know how to act in the moment to achieve her longterm goals. Hasnat asks her what her strategy is, after the BBC interview in which she discussed her husband's long-term affair and admitted to cutting herself. As a tactic, everyone around her agreed it was a bad move. If her goal was to save her marriage, then the interview was a failure. Diana tells Hasnat that she did it because she wanted to "hit back," but, through talking with him, she begins to understand what she actually wants. She has fun disguising herself to sneak around with him, but he also encourages her to find ways to use her fame to raise awareness for causes, such as banning the use of landmines. Sadly, when their relationship ends, she returns to her poor use of tactics without strategy, with painful results.

Hirschbiegel uses interesting camera angles throughout the film, especially in the beginning. It's startling when we can't be sure that Diana is not looking directly at us as she rehearses for the *BBC* interview. The first scene of the film is repeated at the end with a welcome variation in the framing, so that a film that began as odd glimpses into her life — rehearsing in the mirror for the interview, talking on the phone with her son — coalesces into something more: she has become a person to us, just maybe not the person we expected. The dialogue is

★★★☆

Diana

Directed by Oliver Hirschbiegel

Starring Naomi Watts, Naveen Andrews and Douglas Hodge

Rated PG-13

Now playing

in turn cute and awkward, like a romantic comedy, so I was never quite convinced that I was seeing a realistic portrayal of Princess Di. I'm really not at all sure how much of my positive reaction is merely nostalgia, so I keep trying to imagine what seeing this film would be like if it were about a generic princess (which is not too hard to do because Naomi Watts never quite looks like her) — and I think it would be less interesting or complete that way, but certainly would not be a disaster.

FRIDAY, NOVEMBER 1, 2013 **THE TECH 13**

MOVIE REVIEW

Sex, angst, and lesbian love

A beautiful French film about coming of age and heartbreak

By Edwina Portocarrero

STAFF WRITER

Blue is the Warmest Color, or La Vie d'Adèle, chapters 1 et 2 in its original French title, is a tender, wrenching, heart-gripping love story about a teenage girl Adèle, her coming of age, falling in lesbian love for the first time, and subsequent devastating heartbreak. A loose adaptation of the graphic novel by Julie Maroh, it is melancholic, raw, emotional, powerful, and yes, it is sexy, but it is the loving that makes it so, the traumatic

Director Abdellatif Kechiche depicts an intimate portrait of Adèle (Adèle Exarchopoulos), making it impossible not to fall in love with her. We see her at the tender age of 15 or 16, with baby fat cheeks, a pouty mouth, and a lust for everything sensual — she hides candies under her bed, is an avid reader, dances to her heart's content, and has the appetite of a wolf. She is more self-confident than she is aware of, and more charming and better-looking than she knows. Her curiosity

is not shy, nor are her opinions, but they are never delivered with a "know-it-all" attitude. She is honest. Kechiche presents her in full sloppy teen glory: delightfully messy hair, runny nose, open-mouthed eating, enraptured in pleasure or angst, constantly alone. We love her, feel for her, and feel with her.

Adèle is in her inquisitive prime, discovering and defining what makes her. Naturally pretty and popular, though different from the pack, she has female fans as well as male ones, and yields in trying things with both. She has a short-lived and disinterested affair with hottie classmate Thomas (Jérémie Laheurte), and a much more exciting kissing exchange with a gorgeous girl who confesses liking her, but who is sadly not willing to sustain the relationship.

But everything changes one day while crossing the street, when she locks eyes with Emma (Léa Seydoux), a blue-haired, artisttype girl with cropped hair, a gap in her teeth, and lusty eyes. Adèle takes the flash encounter all the way to her dreams, surprising herself at the arousal it causes. Then one night, with her one good gay friend, she ventures off into the wild side: she leaves him behind and finds herself in a lesbian bar, not looking for anything except perhaps confirmation. She is the youngest, freshest, and most naive among the hungry crowd. Emma happens to be there, and she starts cleverly seducing her. After a few philosophical conversations — a first glimpse into the power dynamic that will eventually help to destroy everything — they are tearing each other's clothes off and engaging in what might be the longest, most explicit sex scene I've ever seen. And though it might be called audacious at best, if not selfindulgent, the warm and sensual feeling it initially evokes is transformed into some sort of joke given the unnecessary lengthiness and almost weird explicitness of it, washing away anything poetic about it (my colleague and I had an awkward laughter attack at the whole situation).

Years go by (the movie is a 3-hour-long saga), and we meet the parents. Adèle's are working-class, conventional, and pragmatic; they refer to art as frivolous over pasta. Emma's are bohemian intellectuals, serving oysters for dinner and embracing the homosexuality of their artist daughter. We see Adèle and Emma living together at Emma's place, who is still an aspiring painter, and we meet Emma's glamorous friends, who see Adèle as a lovely otherworldly creature, but definitely not one of them. Adèle has accomplished her ambition of being a schoolteacher, and is loving and tender and happy with simple pleasures. However, Emma's ambitions seem to spill over, because she is concerned about Adèle's lack of loftiness and so pushes her to "be happy", unaware that she is indeed happy, if perhaps with less. The two slowly drift apart, and Adèle is cornered. She adores Emma, her philosophy tutor and lifechanging partner, but her joie de vivre seems to have become unnecessary self-awareness of unexpected insecurities. Her ultimate betrayal arises from loneliness, damage and sadness, not from lust. She is somehow both the victim and the one to blame. It is a melan-

**** Blue Is the Warmest Color Directed by Abdellatif Kechiche Starring Adèle Exarchopoulos, Léa Seydoux and Salim Kechiouche Rated NC-17

cholic, sad story.

Now playing

More years go by, and with it failed attempts to rekindle the flame, and later to maintain a friendship. Emma becomes the famous painter she aspired to be, comfortably content with her painter partner and her child, while Adèle is perpetually trying to recover by confronting what she never had. We long for her to be happy but secretly doubt she ever will be.

Adèle Exarchopoulos and Léa Seydoux are magnificent. They deliver potent, soulful performances, and though the camera work might be a bit heavy on the close-ups side, they are so beautiful, helped by a natural look accomplished by great lighting, costumes and acting, that this is easily forgiven. And yes, the film is long, a good 3 hours, with many of the scenes being quite banal, but they are so quotidian that they become

In short, Blue Is the Warmest Color is an intimate, passionate, resonating love story not to be missed.



From left, Adele, played by Adèle Exarchopoulos, and Emma, played by Lèa Seydoux, in Blue is the Warmest Color.

MUSEUM REVIEW

Playing with the past

Experiencing user interaction with computers of different eras

Digital Den / New England Wide Computer Museum

Metropolitan Storage

134 Mass. Ave., Cambridge

Monday/Wednesday/Friday 8 a.m. – 4:30 p.m., Tuesday/Thursday 8 a.m. - 6 p.m., Saturday 9 a.m. – 4 p.m.

Bv Kristen Sunter

The Digital Den, which has had public viewing hours in the Metropolitan Storage Warehouse in recent months, held a launch party on Sunday, Oct. 20 at the Middlesex Lounge in Central Square, with guided tours of the computing equipment on exhibit, and playtime with machines ranging from early Macs to an Oculus Rift.

Dr. Mary Hopper, the founder of Digital Den, has been seeking to form a coalition with other collectors and computer museums in the New England area for the past six months, and announced the formation of the New England Wide (NEW) Computer Museum at the launch party. She is also reaching out to museums with a similar mission, such as the Living Computer Museum in Seattle. Because of the need to keep the computers in working condition for visitors, she is seeking an endowment as the most sustainable type of funding. Ian King, from the Living Computer Museum, spoke on the difficulties of fixing machines at the component level, and the need to preserve intellectual property so that obsolete machines can be kept operational. While we might turn to eBay to replace components when our own computers crash, hardware for machines that are decades old cannot be replaced so easily.

manent location for her collection, where machines from other museums and private collections can be located. For now, the plan is to bring computers to spaces similar to the launch party as part of a traveling show, despite the danger of damaging the machines in transport — during the setup for the launch party, there was a small electrical fire in a Compaq Portable. One possible location would be the Foundry Building, which is currently vacant. The City of Cambridge is holding a public meeting to gather input from the public on the future of the Foundry on Oct. 30, and one option is to keep the space for community use.

The history of technology as a field of scholarship is relatively new — it can be dated to the 1934 publication of Lewis Mumford's Technics and Civilization — but Boston used to have a computer museum that closed in 1999. Most of its collections were acquired by the Computer History Museum in Silicon Valley, which is not a living museum; the pieces are on display, but visitors do not interact with them. A living computer museum in Boston would go farther to immerse visitors in the history of computers, because the historical significance of various models at the launch party was best conveyed by the experts in attendance in combination with the experience of interacting with the machines themselves.

There were many examples of the rich history of computers on Sunday, such as a PDP-8/L from 1968-71, brought in from the Rhode Island Computer Museum, which is also currently located in a warehouse, and a Texas Instruments TI-99/4A, which was made before TI became known exclusively for their calculators. Only a small fraction of the computers in collections in New England were on display, so we had only glimpses of different epochs in computer history. For example, a Mac exhibit, which was presented by Adam Rosen of the Vintage Mac Museum, featured an early case from 1984 that was opened to show the signatures of the members of the design team, including Steve Jobs and Steve Wozniak. These machines, as well as the Apple IIe from Dr. Hopper's own collection, had many old games, such as Tetris, Dark Castle and Zork. Rosen houses the Vintage Mac Museum in his home but lets people who contact him see the collection by appointment, and he is very interested in finding another space

Alongside the pieces of computer history, such as a framed core plane that showed the wires and magnetic rings of early computer memory, there were also many modern tools. Russ Gant, a virtual reality researcher in the Harvard Visualization and Research Computing Group, brought in an Oculus Rift 3D headset, as well as an earlier example of a headset from the 1990s for comparison, and Dr. Hopper, who lectures on user interaction at Northeastern University, brought in many peripherals, including a Mindflex, which allows a user to control a system with their brainwaves, and a Leap Motion Controller, which captures the position of the users hand above it. She first wanted to create a living museum for computers to give her students a place to experience different forms of user interaction, especially immersive interfaces that are not widely known due to the popularity of mobile



Ken Gagne wearing Data Glove and Ocu-

User interaction would differentiate the NEW Computer Museum from virtual museums, where people only read about technologies or watch video clips, since, as Ian King of the Living Computer Museum said, "the meaning of a computer is its interaction with people." Digital Den gave me a chance to interact with technologies I barely remember, and new technology I had not even seen. It's right by campus, so if you get the chance, I recommend checking it out — you will find the history of computers turned from a dry list of models into a tangible experience that inspires your thinking about new forms of user

MOVIE REVIEW

Save your high expectations for something else

A disappointing crime thriller from director Ridley Scott

By Karleigh Moore

STAFF WRITER

I had high hopes for this movie. Ridley Scott, Cormac McCarthy, Brad Pitt, Cameron Diaz? A-List all the way, right? I was so, so very disappointed. From just viewing the trailer, you pretty much get the entire movie minus the endless and mostly dull dialogue.

The main character, referred to only as "the counselor," is a lawyer who gets mixed up in a drug deal. Things, of course, go wrong, and everyone involved in the deal and their loved ones are in danger of being murdered and/or tortured by the cartel. We are promised sex and violence, though the violence is just what you'd expect, and the

sex is frankly gratuitous and awkward. The trailer creates curiosity in the viewer. What moral decisions will the counselor face that will surprise him? What caused him to get involved in the deal in the first place? What role does he, or anyone else featured in the movie, play in the drug deal? Don't waste your ten bucks going to the theater to find these answers — they aren't in the movie! I spent most of the movie expecting everything to come together in some artful and clever way near the end of the movie but (you can see where this is going) it did not.

The movie did not make me care about a single character (with maybe the exception of Penelope Cruz's character, simply

because she was thrown into the mess by being with the wrong guy at the wrong time). I did not understand the motivations of any of the characters, nor what they were even doing in the movie in the first place. There is basically no plot other than what you get from the trailer, which is the archetypal drug deal gone wrong. There is long, almost Shakespear-

ian dialogue throughout the film, sometimes by characters who only make an appearance to give a speech, and are then never to be seen again. Most of the dialogues are dull and seem nearly out of place in the film. Events in the film are hard to piece together to form a coherent story, and there were many scenes that made me wonder why they were featured

at all.

Perhaps there is some profound and meaningful message buried deep within the films cinematographic layers, that is meant for the Oscars committee to discern, but I would venture to say that this film will be disappointing, confusing, and simply not entertaining to anyone looking for a good movie to see this weekend.



KERRY BROW

Reiner (Javier Bardem) and Malkina (Cameron Diaz), a couple in *The Counselor* whose relationship is about to undergo seismic changes.

The Counselor

Directed by Ridley Scott

Starring Michael Fassbender, Penélope Cruz, Cameron Diaz

Rated R

Now Playing

INTERVIEW

Halved Hamlet, twice the fun

The Tech talks to production members of the MIT Shakespeare Ensemble's Hamlet

By Rachel Katz

Last Tuesday, I sat down with the director and two leads of the MIT Shakespeare Ensemble's production of *Hamlet*. The director, J. Paul Nicholas, previously worked with the Ensemble on the spring 2012 production of The Tempest. Keenan A. Sunderwirth '14 and Mark L. Velednitsky '14, the actors I spoke with, are no strangers to either the Ensemble or the stage — both MIT seniors have worked on eight shows in their time here, and began acting at ages 6 and 7 respectively.

If you are familiar with the play, the notion of two leads may have piqued your curiosity. Nicholas, in perhaps his most notable director's modification, has divided the title role into two parts. He didn't choose one actor for each act, but rather drew divisions through soliloquies, lines, even sometimes sentences. His reason for doing so is multifaceted. Nicholas noted that the externalized version of Hamlet's internal struggles plays out humorously onstage, adding to the comedic aspect of Shakespeare's famous "tragicomedy." He also confessed to toying with the idea of using two actors to illuminate Hamlet's "almost borderline multiple personality disorder," as he described it, for a long time.

When asked to describe the difference between the "Halflets," as the cast fondly refers to them, Sunderwirth answered first. She enthusiastically described her Hamlet as "a lot more aggressive, frustrated, and eager to take action. Mark's ends up being more politically minded and contemplative." Velednitsky concurred, adding, "the interesting thing is that both of us are experiencing everything that Hamlet experiences at once." Sunderwirth and Velednitsky have begun to interact with each other much like the way their characters interact onstage. When Velednitsky forgets a line, his counterpart is certain to correct him, just as the aggressive Hamlet would any blunder of his alternative self. Come opening night, the two will wear the same attire and always be seen on stage together.

Some of Nicholas' alterations of the play had practical motivations. At the core of everything, all the actors are MIT students with an MIT course load, and thus cannot commit to more than fifteen hours a week. This time limitation has prevented the Shakespeare Ensemble from performing *Hamlet* for over twenty years, but splitting the role makes the production doable

Hamlet

The MIT Shakespeare Ensemble

8 p.m. Nov. 1–2, 4 p.m. Nov. 3, 8 p.m. Nov. 7–9

La Sala de Puerto Rico

Tickets at http:// ensemble.mit.edu/ tickets/

within the MIT constraints. Furthermore, the current Ensemble is more female than male, so Nicholas had to do some "gender bender. We have girls playing girls; Rosencrantz and Guildenstern are women. We also have girls playing men." Sunderwirth, who portrays the aggressive side of Halflet is a prominent example. Although the director had not anticipated any correlation between gender and personality within the Hamlet character, "when it became clear that one of the Hamlets would be played by a woman, [he] knew that the passive Hamlet wouldn't be female."

J. Paul Nicholas fleshes out all of Shake-speare's characters in full, as he firmly believes that a play cannot be done justice unless every smaller role is given proper attention. This view aligns with the Shakespeare Ensemble's "thing about being an Ensemble," as Nicholas described it. He also believes, like many other directors, that certain aspects of the script can be strategically adjusted. Although the Ensemble won't allow *The Tech* to divulge any details, the director says "if you know the play backwards and forwards, there may be some surprises in the text."

This production will be like no version of *Hamlet* you've ever seen before, and you will not be able to know just what's in store until you see for yourself. Reserve your tickets now at *ensemble.mit.edu*, and prepare to be coaxed to the edge of your seat with excitement.

ARTS EVENTS NOV. 1 – NOV. 7

FRIDAY

(9:00 a.m. – 6:00 p.m.) 99 Marginal: 9 Strategies for Landing Industry in the City Exhibit, open through Nov. 24 — 7-408

(7:30 p.m. – 10:30 p.m.) Boston Ballet performs La Bayadère — Boston Opera House

(8:00 p.m. - 10:30 p.m.) MIT Shakespeare Ensemble presents Hamlet — W20-202

(8:00 p.m. – 10:00 p.m.) MIT Affiliated Artist Concert: Heng Jin Park, piano; Gabriela Diaz, violin; and Jing Li, cello — 14W-111, Killian Hall

SATURDAY

(1:00 p.m. & 7:30 p.m.) Boston Ballet performs La Bayadère — Boston Opera House

(2:00 p.m. – 3:00 p.m.) Exhibition Tour/Chris Marker: Guillaume-en-Egypte by Assistant Curator Alise Upitis — E-15, MIT List Visual Arts Center

(8:00 p.m. – 10:00 p.m.) Aardvark Jazz Orchestra and Mark Harvey — 14W-111, Killian Hall

(8:00 p.m. – 10:30 p.m.) MIT Shakespeare Ensemble presents Hamlet — W20-202

(8:00 p.m. – 11:00 p.m.) Folk Dancing with Live Electric Balkan Music — Lobdell **SUNDAY**

(1:00 p.m. - 3:00 p.m.) Boston Ballet performs *La Bayadère* — Boston Opera

MONDAY

(7:30 p.m. – 8:40 p.m.) Folk Music of the British Isles & N. America — 14W-111, Killian Hall

TUESDAY

(5:30 p.m. – 7:30 p.m.) Architecture/HTC Lecture: Pier Vittorio Aureli, "Form and labor: Towards a History of Abstraction in Architecture" — 7-429

WEDNESDAY

(7:00 p.m. – 8:00 p.m.) Alash, Masters of Tuvan Throat Singing — W79, Simmons Hall

THURSDAY

(12:00 p.m. - 12:30 p.m.) Organ Concert in the MIT Chapel — W15, MIT Chapel

(5:30 p.m. – 8:00 p.m.) A Second Modernism: Roundtable with Arindam Dutta, Meredith TenHoor, Hashim Sarkis and moderated by Michael Hays — 7-429

(6:00 p.m. – 7:30 p.m.) Author Molly Knight Raskin talks about her new biography of internet entrepreneure Danny Lewin — 54-100

(6:00 p.m. – 8:00 p.m.) Urban Films: Shift Change (2013) — 3-133

(8:00 p.m. – 11:59 p.m.) Dramashop presents: ONE ACTS — Kresge Little Theater

(8:00 p.m. – 10:30 p.m.) MIT Shakespeare Ensemble presents Hamlet — W20-

Send your arts events to arts@tech.mit.edu.

MOVIE REVIEW

What would change if you could time travel?

Another hilarious romantic comedy from director Richard Curtis

By Chennah Heroor

STAFF WRITER

Richard Curtis has written several charming romantic comedies, including Love Actually, Notting Hill, and Bridget Jones' Diary. With About Time, it's clear that Curtis hasn't lost his magic touch; it's yet another beautiful, funny, sentimental tale about love and life.

The story begins as Tim Lake (Domhall Gleeson) turns 21. His father summons him downstairs to inform him that all the male members of the family can time travel — only backwards. The introduction of this phenomenon is as awkward as it sounds. Given Tim's averageness, it seems barely plausible at all



Mary (Rachel McAdams) and Tim (Domhnall Gleeson) in About Time, a comedy about love and time travel.

However, though he comes off as extremely needy, Gleeson's winning portrayal of Tim makes the character sympathetic, and luckily, the story is much better at showing than telling. Tim immediately finds a dark closet and travels back to New Year's Eve, where he takes the chance to kiss a girl at midnight instead of awkwardly shaking her hand. He soon returns to the present alight with hope. He's determined to use his power to find his true love, and the early part of the film is devoted to him learning the bounds of his powers. He learns, for example, that he can't use time travel to convince a friend to fall in love with him.

And there are other things that time travel will change. Tim travels to London to become a lawyer, and stumbles upon Mary (Rachel McAdams) at a blind date in a restaurant. When he's forced to travel back in time to fix his neighbor's play, he finds that he has "lost" Mary in the present — she doesn't remember him. He tracks her down by remembering that she loved Kate Moss, hilariously ruining his chances with worse and worse pickup lines. Luckily, he uses his time travel powers to redo several of his worst pickup lines until he has it down to a science.

Of course, they fall happily in love, and have a darling child. But a single wrench is thrown into their plan: Tim's sister Kit Kat has not been faring nearly as well as Tim. She's become an alcoholic and suffers horrifying injuries in car crash where she is drunk. Due to a seemingly arbitrary rule of time travel, Tim can't fix this problem with a trip in the time machine, and must instead use ordinary means to convince Kit Kat to move beyond her destructive ways. In a dramatic shift from the earlier half of the movie, Tim is shown trying to rehabilitate his sister and figure out his life. Instead of using his powers to make small fixes in his life, he starts using it to appreciate how he lives every day — all the small

★★★☆

About Time

Directed by Richard Curtis Starring Domhall Gleeson, Rachel McAdams, and Bill

Rated R

Nighy

Now playing

joys and troubles.

At times, the movie seems confused by the use of time travel. Though time travel has consequences throughout the movie, its rules are added arbitrarily to keep the idea of time travel from becoming an easy fix-all. It's a shame, because the story is extremely arresting, and the awkward introduction of laws distracts from it.

Towards the end, About Time strikes an introspective tone. At its core, the movie is neither truly about time travel, nor even about love. It is about living our lives with purpose. Though the conclusion was sappy and predictable, watching Tim learn the universal truths of life was at times hilarious, and ultimately touching. About Time gives a brief chance for us to escape our own problems and remember how wonder-

MOVIE REVIEW

A harrowing look at the life of a slave

Amazing performances by Chiwetel Ejiofer and Lupita Nyong'o make a must-see movie

By Chennah Heroor STAFF WRITER

American history is extremely messy. It is often hard to believe that a country founded on the idea of freedom and equality for all denied these freedoms to women and minorities for so long. But the movie 12 Years a Slave forces us to confront one of the greatest evils in the history: slavery.

The narrative focuses on Solomon Northrup (Chitwel Ejiofer), a free man living in Saratoga, New York, in 1841. Though racism is still present, Northrup manages to earn a living by playing the violin, and cares

for his beautiful wife and children. Though Northrup lives in the 1800s, there is a scene of him tucking his two children to bed, the same way it is still done today, which accentuates the terror when he is kidnapped and enslaved.

ing job of recreating Northrup's horror. In the dark, Northrup is terrified and calls for help, tearing at his chains, as he gradually remembers how he was drugged the previous night. He calls for help are soon answered, but by slavers, who viciously beat him for daring to say that he is a free black man. As he takes off his shirt later, we see

Director Steve McQueen does an amaz-

Though Ford is considered a relatively kind master, it quickly becomes clear than his conscience stops at his pocketbook. When Northrup tussles with Tibeats, Ford's carpenter, Tibeats attempts to lynch Northrup. Northrup is only saved because Ford still owes a debt on Northrup, but he is still left to hang until nightfall. In one of the most terrifying sequences of the movie, Northrup must stand on his tiptoes on a sliding muddy bank to support himself as the noose still hangs around his neck. Yet Mrs. Ford, the overseer and all the other slaves just watch him struggle for breath. It is impossible to understand the conditioning that has allowed the entire plantation to ignore a man on the verge of death.

the bloody lacerations along his skin, the

and he quickly loses much of his identity.

He is stripped of his clothes and his name,

forced to become "Platt." He is sold to Ford

(Benedict Cumberbatch), a seemingly kind slave owner, then an extremely cruel mas-

ter, Edwin Epps (Michael Fassbender).

Northrup is shipped off to New Orleans,

price for a few simple words.

Northrup's next master is even more brutal. For all of Ford's neglect and contempt, nothing can match the brutality of Edwin Epps. He is indiscriminately cruel, but most terrifying is his fickle hate and love for the slave girl Patsey (Lupita Nyong'o). He frequently rapes a dead-eyed Patsey, flaunting his infidelities in front of his powerless wife Mary (Sarah Paulson). When Mary cannot force her husband to sell Patsey, she retaliates by brutally beating her. The tension between Epps and his ****

12 Years A Slave

Directed by Steve McQueen

Starring Chiwetel Ejiofer, Lupita Nyong'o, Michael Fassbender, Sarah Paulson, and Benedict Cumberbatch

Rated R

Now playing

wife escalates to its climax, where Mary belittles Epps until he beats Patsey, into unconsciousness. Fassbender and Paulson both create such arresting portrayals of evil incarnate, that it was difficult to remember that they were acting. Nyong'o's searing portrayal of the innocent Patsey is impossible to turn away from.

12 Years a Slave is a harrowing look into the past. Though the story focuses on Northrup, a free man, it is a reminder of what can happen when we lose our freedom. McQueen has directed an amazing work, reminding us that slavery had a reverberating effect on everyone in the South. It forces us to consider the fact that any inequality in a society means that many more suffer. The lesson of 12 Years a Slave lingers long after the movie ends.



Solomon Northup, played by Chiwetel Ejiofor, in 12 Years A Slave.

RESTAURANT REVIEW

Pho real, you've gotta go to Le's

Tasty Vietnamese food in Harvard Square

By Karleigh Moore

You'll find Le's Vietnamese Restaurant inside The Garage in Harvard Square, and if you haven't been, it's definitely worth checking out. The atmosphere is very peaceful; the walls are warm colors, and paper lantern-like lighting hangs overhead. There is an extensive menu of Vietnamese dishes, but I have to say, if you go, you should try

When I went to Le's, I ordered a bowl of chicken pho, crispy spring rolls, and a green tea bubble tea. Everything was excellent the spring rolls were deliciously fried and served with a sweet naco cham (mixed fish

and lime) sauce and shredded carrot. The green tea bubble tea was more like a green tea smoothie with boba, which did a great job of cooling my mouth after a spoonful of the spicy soup.

Imagine a huge steaming bowl of chicken soup filled with rice noodles, onions, scallions, and cilantro, served with a platter of bean sprouts, basil leaves, and limes that you can add to your soup. Personally, I am a fan of dumping all the basil and bean sprouts in for the occasional burst of basil flavor or crunch of bean sprouts. You can choose to flavor your soup with any combination of the three sauces on the table: spicy Sriracha sauce, or for even more spice there's spicy chili garlic sauce, or for a sweeter option, plum sauce. When you are done customizing your soup to your liking, the colors and smell of the pho will drive any foodie wild. Although there are also beef and seafood varieties of pho, there are sadly no suitable vegetarian/vegan options, but plenty of other dishes on the menu are vegetarian/vegan, so there's something for everyone.

Le's is a great place for lunch or dinner with a group of friends. Prices are pretty reasonable, especially for the amount of food you get — the biggest (like "you may not be able to finish it" big) pho is less than nine dollars. Most other entrees range from eight to twelve dollars, and again the portions are huge. So now with the cold days and

Le's Restaurant 35 Dunster Street, Cambridge

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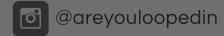
16 THE TECH Friday, November 1, 2013

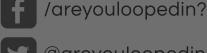
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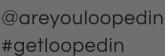
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(Python)--L1--Top------

Team to facilitate community forums

Innovation a focus in development

Kendall, from Page 1

mental design planning, and HR&A Advisors for strategic advisory services, MIT News reported.

The team will carry out an urban design study that will lead to a long-range plan for development that will also balance MIT's needs for commercial, residential, and academic development. According to MIT's request for proposal, the study will focus on providing space for new innovation initiatives, both commercial and academic, which will become of increasing importance as MIT recently launched an Institute-wide "Innovation Initiative." The other priorities include creating a lively urban environment, and establishing a Gateway between MIT, the central business district, and Cambridge. The plan also calls for a plan is feasible and comprehensive - one that "should be financially self-supportive" and also generates tax payments to the city that would allow it to further its objectives of increasing affordable housing units, improving the school system, and maintaining a low residential tax rate. The redevelopment will encompass just under 2 million gross square feet and will likely have a big impact on MIT's campus lasting well into the century.

The design team will facilitate six community forums in the months to come to gather feedback on the process and progress of the project.

MIT community forums

Thursday, Nov. 7, 5:30 - 7 p.m. (Room 3-270) Wednesday, Dec. 11, 5:30 - 7 p.m. (Room 32-155) Tuesday, Jan. 21, 5:30 - 7 p.m. (Location TBD)

Cambridge community forums

Thursday, Nov. 14, 5:30 - 7 p.m. (Room 4-153) Thursday, Dec. 12, 5:30 - 7 p.m. (Room 56-154) Wednesday, Jan. 22, 5:30 - 7 p.m. (Location TBD)



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SMBC, from Page 7



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Coursera to create 'learning hubs' outside the US

Partnership with government allows students to take free courses and meet with teachers

By Tamar Lewin THE NEW YORK TIMES

Coursera, a California-based venture that has enrolled 5 million students in its free online courses, on Thursday announced a partnership with the U.S. government to create "learning hubs" around the world where students can go to get Internet access to free courses supplemented by weekly in-person class discussions with local teachers or facilitators.

The learning hubs represent a new stage in the evolution of massive open online courses, or MOOCs, and address two issues: the lack of reliable Internet access in some countries, and the growing conviction that students do better if they can discuss course materials. and meet at least occasionally with a teacher or facilitator.

"Our mission is education for everyone, and we've seen that when we can bring a community of learners together with a facilitator or teacher who can engage the students, it enhances the learning experience and increases the completion rate," said Lila Ibrahim, the president of Coursera. "It will vary with the location and the organization we're working with, but we want to bring in some teacher or facilitator who can be the glue for the class.'

Early this year, using courses from Coursera and other online providers, the State Department ran a pilot program, asking embassies and consulates and others in places funded by the United States to open space where people could take free online courses in priority fields, including science and technology subjects, Americana and entrepreneurship.

"Some of them took it above and

beyond, and decided to host facilitated discussions with the courses," said Meghann Curtis, the State Department's deputy assistant secretary for academic programs. "Over the summer, when we looked at the success stories, we identified facilitated discussions as something that seemed to work."

Coursera is joining forces with the State Department's MOOC Camp Initiative, now operating in 40 countries — about half using Coursera courses, and the other half courses from such providers as edX and Open Yale, whose courses are also available free on the Internet. But beyond having its courses used, Coursera is taking an active role in the project.

'We have a list of MOOCs from different providers that we suggest, but Coursera has had a unique interest in working with us to collect the data to understand the learning outcomes from facilitated discussions, and has given us additional materials to give out to the facilitators," Curtis said.

The classes are small, some with only 15 students and none with the hundreds or thousands of students who enroll online.

In a pilot program in Bolivia, Korea and Indonesia, Ibrahim said, the completion rate for those in classes that met for discussion once a week - and provided access to career services, another part of the pilot — was 40 percent, compared with 10 percent of those who worked online only.

For the State Department, Curtis said, the appeal of the MOOCs is that they can be used to reach students anywhere, exposing them to U.S. universities and college-level discussion, and perhaps spurring a desire to study in the United States.

Instruction in the classes is in

English, she said, and neither the facilitators nor the MOOC providers are getting paid. Many facilitators are foreign service officers, retired teachers, or those who had a Fulbright or other travel grant.

Both Coursera, the largest MOOC provider, and edX, the nonprofit Harvard-MIT venture that is the second largest, began two years ago by offering wholly online courses, but are now working with universities to offer blended. or hybrid, courses. Both are also working with a growing number of overseas partners, including universities in Australia, Switzerland,

China and elsewhere, sometimes with courses offered in languages other than English.

In October edX announced that it would be working with the French higher education minister to offer online courses in France, and that its platform had been chosen to power China's new online learning portal, Xuetangx. EdX is also working with the International Monetary Fund to offer training.

Coursera, which has 100 university partners, has developed a network of translators who are making the materials in some courses available in Arabic, Chinese, Japanese, Kazakh, Portuguese, Russian, Turkish and Ukrainian.

Increasingly, though, American MOOC providers are facing competition from a growing crop of foreign MOOC providers, such as Germany's Iversity and Brazil's

Along with the State Department, Coursera's partners for the learning hubs include the University of Trinidad and Tobago, Overcoming Faith Academy Kenya, Digital October, Bluebells School International and Lady Sriram College, Learning Links Foundation and Tapthetech.org.

Solution to Techdoku I

from page 5

2	1	6	3	4	5
7	6	5	2	ფ	4
6	5	4	1	2	3
4	3	2	5	6	1
3	2	1	4	5	6
5	4	3	6	1	2

Solution to Sudoku III

8	6	4	3	9	5	1	7	2
7	9	5	1	8	2	3	6	4
3	1	2	4	7	6	8	9	5
6	4	8	5				3	
	5		7				8	
2	3	7	6	1	8	5	4	9
4	8	3	9	5	1	6	2	7
1	2	6	8	4		9	5	3
5	7	9	2	6	3	4	1	8

Solution to Techdoku II

from page 5

4	3	2	6	5	1
2	1	6	4	3	5
3	2	1	5	4	6
5	4	3	7	6	2
6	5	4	2	1	3
1	6	5	3	2	4

Solution to Sudoku II

6	7	1	5	2	3	9	8	4
4	3	9	8	1	7	2	5	6
2	8		6	9	4	3	7	1
3	2	6	7	4	1	5	9	8
7	9		3	6	5	4	1	2
1	5	4	2	8	9	7	6	3
8	1	3	9	5	2	6	4	7
5	4	2	1	7	6	8	3	9
9	6	7	4	3	8	1	2	5

Solution to Techdoku III

			, ,		
4	1	6	5	3	2
6	3	2	1	5	4
2	5	4	3	1	6
1	4	3	2	6	5
5	2	1	6	4	3
3	6	5	4	2	1

Solution to Sudoku I

3	9	5	1	8	6	2	4	7	
4	8	1	2	5	7	3	9	6	
7	6	2	9	4	3	8	5	1	
9	1	4	5		2	6	8	3	
5	3	8	6	1	4	9	7	2	
6	2	7	8	3	9	4	1	5	
8	7	6	4	2	5	1	3	9	
1	5	9	3	6	8	7	2	4	
2	4	3	7	9	1	5	6	8	



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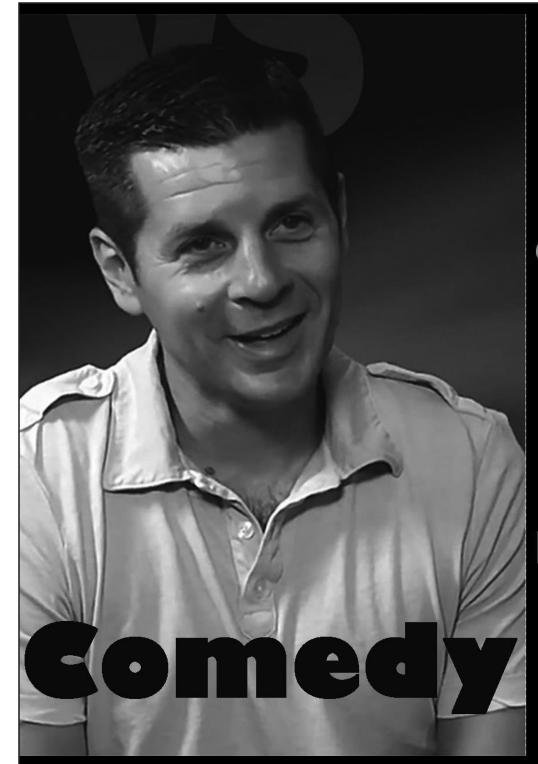
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Atletico Madrid should stay in front of Group G

FC Barcelona leads Group H, AC Milan, and Ajax and Celtic compete for second

Soccer, from Page 20

Before Champions League play had started, this group was one of trickiest in determining who would advance. The first three match weeks have proved this is still the case as three teams are equal in points and there is no clear favorite to qualify. Arsenal has been playing some terrific soccer especially with the addition of Mesut Ozil to the squad, but they lost the match against Borussia Dortmund in England on Oct. 22. They will be travelling to Germany to face off against Dortmund on Nov. 6 and this match will be very important in determining the fate of both clubs, (but especially Arsenal's) in the group. Napoli has been one of the best performing clubs in Europe this season and Dortmund is always a lethal team. Each match week from hereon in will present us with at least one critical and exciting match. The standings will come down to the wire in this group, so do keep a good watch on them.

Group G:

- 1. Atletico Madrid (9 points)
- 2. Zenit St. Petersburg (4 points)
- 3. FC Porto (3 points)
- 4. Austria Wien (1 point)

Atletico Madrid has been phenomenal this year, showing that they can perform just as well, if not better, without Falcao. Their form has reflected into their Champions League group as they sit comfortably on top with 9 points. They have almost nearly guaranteed qualification for the knockout rounds and will probably finish second in the group. Zenit and Porto will fight it out for second place and the match

between the two sides in Russia on Nov. 6 will give soccer fans a better idea on how the group will shape up.

Atletico Madrid has been phenomenal this year, showing that they can perform just as well, if not better, without Falcao.

Group H:

- 1. FC Barcelona (7 points)
- 2. AC Milan (5 points)
- 3. Celtic (3 points)
- 4. Ajax (1 point)

This group has been somewhat surprising. Barcelona was expected to finish first and are on the path of doing so, but they dropped a point against Milan. Thus, Milan will have their hopes up going into the match in Spain on Nov. 6. It is unlikely that Milan will come away with a win, but the win is still in the cards for them. The actual surprise has been the fact that Celtic is ahead of Ajax. Ajax seemed like the better squad before the matches kicked off, but Celtic got the best of them in Scotland, 2-1. If Ajax still wants to finish third to qualify for the Europa League, they have to bounce back from that loss when they play Celtic in Netherlands. Either team may still make a run for second place depending on how Milan fares with the injuries their squad is faced with now. This group is still up in the air except for Barcelona's place

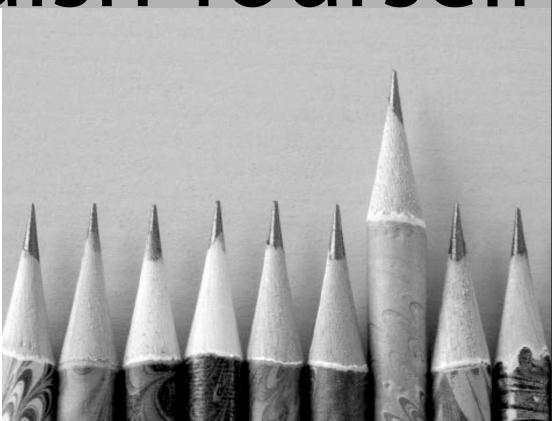
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Champions League soccer play resumes Nov. 5

Real Madrid and Paris Saint-Germain expected to stay at the top of their groups

By Ali Soylemezoglu

The Champions League has kicked off and we are halfway through the group stages. The first three match weeks should have pleased soccer fans all over the world with all the great soccer played and the many goals scored. Before the second half of the group stages start on November 5, it is best to take a look at how the groups are shaping up so far:

Group A:

- 1. Manchester United (7 points)
- 2. Bayer Leverkusen (6 points) 3. Shaktar Donetsk (4 points)
- 4. Real Sociedad (0 points)

The current standing of this group isn't all that surprising. Manchester United were always group favorites with either Shaktar or Bayer Leverkusen finishing in second. Currently, no team is guaranteed first place, but Manchester United should go on to protect its advantage in the upcoming three matches while Bayer Leverkusen and Shaktar Donetsk fight it out for second place. The most critical match for the two will be the match on November fifth as Leverkusen will be visiting Shaktar Donetsk. The match in Germany had finished 4-0 in Bayer Leverkusen's favor, so Shaktar Donetsk will look to grab a win and pull ahead of them. How the

two teams fare against Manchester United (Bayer Leverkusen will be playing at home, while Shaktar will be travelling to England) could also be decisive. However, Real Sociedad, as a young squad, will still be looking to make at least some impact and maybe even finish third for a place in the Europa League. Other teams in the group should watch out for their matches with Real Sociedad as the Spanish side may end up upsetting the opposition.

Group B:

- 1. Real Madrid (9 points)
- 2. Galatasaray (4 points) 3. Juventus (2 points)
- 4. Copenhagen (1 point)

Group B started off with a bit of a shocker as Juventus tied Copenhagen in Denmark, while Real Madrid smashed Galatasaray 6-1 in Istanbul. Although Juventus had tied with the weakest link of the group, Galatasaray's weak display hinted that Juventus may not be challenged after all by Galatasaray. However, the next two matches quickly changed that. Juventus tied Galatasaray in Italy and lost to Real Madrid in Spain. Galatasaray picked up three points against Copenhagen in Istanbul. Real Madrid now sits comfortably on top of the group and it will be near impossible to see them not qualify for the knockout stages of the Champions League. As for the second team to qualify, it will most probably be between Galatasaray and Juventus as Copenhagen will not have the power to make the entire run to qualify for the knockout stages. They may make another surprise like the 1-1 draw against Juventus. Juventus will have the advantage of playing in Italy for two of their remaining matches, while Galatasaray will play two games on the road. However, if it comes down to the last match of the group, then Galatasaray will truly have the home team advantage as Juventus will face Galatasaray in Istanbul to conclude the group stage for both teams. In such a case, it will be an extremely difficult environment for Juventus to play in and Galatasaray may actually finish second, leaving Juventus in third. I advise that all soccer fans keep a keen eye on this group as things will definitely get interesting.

Group C:

- 1. Paris Saint-Germain (9 points)
- 2. Olympiacos (4 points) 3. SL Benfica (4 points)

4. RSC Anderlecht (0 points) Group C has seen Paris Saint-Germain dominate in all departments. They have put on some of the finest displays of Champions League soccer while scoring 12 goals in three matches and only conceding one. It is safe to say that Paris Saint-Germain will finish in first. Second place is still up for grabs. Anderlecht has failed to get a single point in the first three matches. It will be difficult for them to even finish third, let alone second given their disadvantage. The battle for second place will be between Olympiacos and SL Benfica. The two teams tied in Portugal 1-1, both beat Anderlecht and both lost to Paris Saint-Germain. They are quite similar in form, though Benfica does seem to have more quality than Olympiacos. On Nov. 5, Olympiacos and Benfica will face off in Greece and the outcome of the match will give soccer fans a clearer idea on which team will finish second. If it happens to be a draw, both teams will have to be cautious in both of their matches while looking to win as much as possible.

Group D:

- 1. Bayern Munich (9 points)
- 2. Manchester City (6 points) 3. CSKA Moscow (3 points)
- 4. Viktoria Plzen (0 points)

No surprise has been present in Group D as Bayern Munich sit on top with 9 points and the second favorites, Manchester City are three points clear in second place. It is highly unlikely the next three match weeks will change the order of the teams in the group, though certainly they will provide delightful matchups for fans.

- 1. Chelsea (6 points)
- 2. Schalke 04 (6 points) 3. FC Basel (4 points)
- 4. Steau Bucharest (1 point)

Group E started with a surprising scoreline: Basel won 2-1 against Chelsea in London. However, Mourinho's Chelsea managed to pick themselves up to win twice in a row on the road including a decisive 3-0 win over Schalke 04 in Germany. Chelsea will play Schalke 04 in London on Nov. 6. If all goes well for Chelsea in that match, Chelsea will surely finish in first. The second team to qualify for the knockout round would then either be Schalke 04 or Basel. Basel were lucky to have gotten the three points from Chelsea and those three points may prove important in finishing on top of Schalke 04. In any case, the most important match will be Basel playing against Schalke in Germany on the last match week of the group stages. If it comes to this match Schalke will have the home team advantage and will probably finish on top of Basel.

Group F:

- 1. Arsenal (6 points)
- 2. Borussia Dortmund (6 points)
- 3. SSC Napoli (6 points)
- 4. Olympique de Marseille (0 points)

Soccer, Page 18

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Volleyball beats Emerson

Bunker leads team to Tuesday's 3-0 victory

By Mindy Brauer

Playing for only the second time in program history and first as NEWMAC rivals, the MIT women's volleyball team defeated Emerson College, 25-16, 25-11, 25-18,

an ace by Jessica Hamilton to come within one (6-5). An exchange of points ensued until a strike from Megan E. Gebhard '17 followed by an ace courtesy of Tatiana Berger '14, and a block by Nicole C. Gagnier '15 and Bunker gave the Engineers a

The Engineers registered the first five points of the second stanza; however, a block by Rice and Alex Lynn led to four straight points for Emerson, capped by a Rice ace.

on Tuesday night. Kristine A. Bunker '14 paced the Engineers' (20-10, 6-3 NEW-MAC) balanced attack with nine kills and a .643 hitting percentage to go along with two blocks. Kat Rice led the way for the Lions (15-11, 3-6 NEWMAC) with four kills to go along with two digs, an re, and a block

MIT jumped out to a 6-1 lead in the first set, but Emerson capitalized on a pair of errors, a kill from Rice, and 12-6 advantage. After a timeout by the Lions, both sides traded side-outs, maintaining the six-point margin as late as 18-12. MIT responded by scoring seven of the last 11 points to take the win.

The Engineers registered the first five points of the second stanza; however, a block by Rice and Alex Lynn led to four straight points for Emerson, capped by a Rice ace. The visitors stayed close as a service error narrowed the gap to 8-6. A kill by Bunker on the ensuing rally ignited a 17-5 run that she completed with a strike for set point.

Emerson built a 4-2 edge in the final frame before four ties and a lead change moved the score to 7-7. Kills by Gebhard and Berger gave MIT some breathing room as it eventually went up, 21-12, on a Gagnier ace. The Lions continued to attack as Giuli Frendak's ace along with several miscues by the Engineers trimmed the deficit to 21-18. Jenny L. Astrachan's '15 kill thwarted the late rally attempt as the match ended with a trio of hitting errors.

Berger finished with 10 digs, nine kills, and four aces as Gebhard registered six kills and four digs. Emma S. Gargus '14 and Rachel A. Hunt '14 rounded out the attack with five and four kills, respectively. Sharon S. Hao '14 collected seven digs as Tori I. Wuthrich '17 added four of her own. Gagnier `racked up 30 assists, six digs, four aces, and two blocks for the Engineers.

UPCOMING HOME EVENTS

Saturday, November 2

Sailing vs. Schell Trophy

Rifle vs. John Jay

Rifle vs. Wentworth

Men's soccer vs. WPI

Field hockey vs. Babson College

Men's water polo vs. Fordham Universithy

Football vs. Endicott College

Men's water polo vs. St. Francis College

Sunday, November 3

Sailing vs. Schell Trophy

Men's water polo vs. Iona College

9 a.m., Charles River 9 a.m., DuPont Athletic Center 9 a.m., DuPont Athletic Center 1 p.m., Steinbrenner Stadium 1 p.m., Jack Barry Field 2:30 p.m., Zesiger Center Pool 5 p.m., Steinbrenner Stadium 8 p.m., Zesiger Center Pool

9 a.m., Charles River 9:30 a.m., Zesiger Center Pool